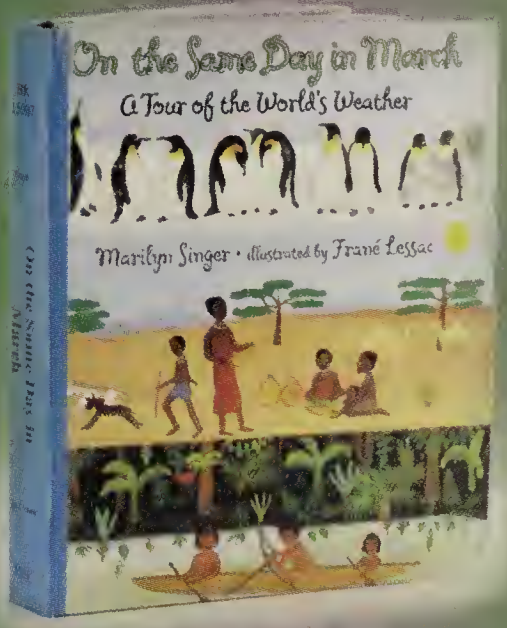
TECHNOLOGY EDUCATION RECREATION REHABILITATION

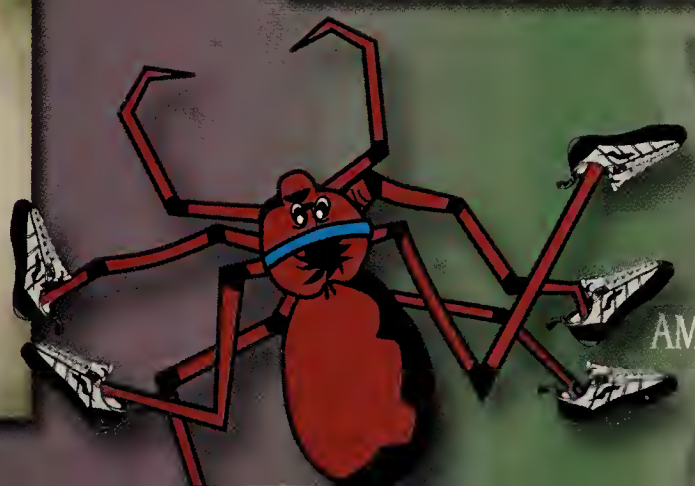
Lots of Dots

Products Catalog 2004-2005



APHont

a font for low vision



AMERICAN PRINTING HOUSE FOR THE BLIND, INC.

We're proud to introduce...

This year's new products! Covering a broad spectrum of needs for people who are blind or visually impaired, they're shown on the pages indicated.

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APH
Products Catalog
2004-2005

AMERICAN PRINTING HOUSE
FOR THE BLIND, INC.

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Louisville, Kentucky 40206-0085
Phone: 502-895-2405
Toll Free: **800-223-1839**
Fax: 502-899-2274
E-mail: info@aph.org
Web site: **www.aph.org**

APH Mission Statement

To promote the independence of blind and visually impaired persons by providing specialized materials, products, and services needed for education and life.

APH Corporate Status

The American Printing House for the Blind, Inc. is a 501(c)(3) non-profit organization. Gifts, therefore, are tax deductible.

Prices in this catalog are effective as of June 1, 2004.

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About This Catalog

Service Since 1858

Since 1858 the American Printing House for the Blind (APH) has been creating unique products for people who are visually impaired, blind, or deafblind. APH products are designed for infants, preschoolers, students, and adults, both in education and in daily living. This catalog is a complete listing of the materials, tools, and supplies offered for sale by APH.

Locating Products

The index, located in the back of the catalog, is alphabetized by product name. Most items are listed under three variations of the product name.

Persons with Multiple Disabilities, Including Deafblindness

Many products in this catalog are appropriate for children and adults with multiple disabilities, including deafblindness.

Prices and Types of Funds Accepted

All items in this catalog can be purchased with regular funds, such as checks, credit cards, or purchase orders. Most items can also be purchased with Federal Quota funds. Prices in this catalog are effective as of June 1, 2004. Prices are subject to change without notice.

Trademarks

All trademarks appearing in this catalog are of their respective companies.

Depictions of Products in Photographs

Some products you receive may vary slightly from those depicted in the photographs. These differences will not affect the functioning of the products.

Product Information and Ordering on the Web

Visit the APH web site for product information, ordering for U.S. customers, and much more. Our site is fully accessible to users who are visually impaired or blind: www.aph.org.

Questions? Credit Card Order? The Call is on Us!

APH provides a toll-free number for all of your customer needs:

- Questions about APH products and services
- Placing credit card orders
- Questions about existing orders or status of products under repair

Call Monday through Friday from 8:00 a.m. to 4:30 p.m. Eastern Time: 1-800-223-1839.

About APH Products for Persons with Multiple Disabilities, Including Deafblindness

Children and adults with multiple disabilities, including deafblindness, are as diverse and varied in their abilities, strengths, and interests as is the general population. Whereas some APH products have been developed with individuals with multiple disabilities in mind, many others are also appropriate for use by persons with multiple disabilities, including deafblindness. When choosing products for any child or adult it is important to keep in mind the age, abilities, and interests of that individual.

Below are examples of APH products that you may wish to consider for children and adults who have multiple disabilities, including deafblindness.

ISAVE: Individualized Systematic Assessment of Visual Efficiency

A functional vision assessment tool for use with infants, children, and young adults with significant cognitive, neurological, physical, and sensory impairments who cannot respond reliably to standard measures. See the Assessment section.

Reach For the Stars, Planning for the Future: A Transition Process for Families of Young Children

A guidebook on transitioning young children into preschool or kindergarten settings. *Reach for the Stars* was originally designed for transitioning children with deafblindness and other multiple disabilities. See the Early Childhood section.

On the Way to Literacy

This handbook and series of 18 storybooks contain vital information and activities to enhance the development of literacy in young children who are blind or deafblind. See the Early Childhood section.

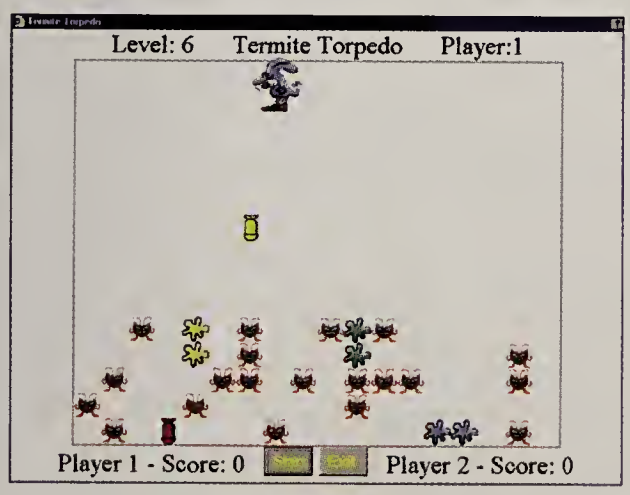
Brain Quest®

APH has published four large print/braille editions of the popular Workman® Publishing quiz game series (American History, English, Science, and Geography). See the Core Curriculum section.

Termite Torpedo™

This arcade-style video game is designed for persons who have low vision or who are blind. See the Visual Efficiency and Low Vision section.

We encourage you to explore this catalog to locate other items you consider to be appropriate to meet the needs of the children and adults with whom you work.



About the Core Curriculum and the Expanded Core Curriculum

by Dr. Philip Hatlen

Core Curriculum

Educators define core curriculum as the knowledge and skills a student should learn by high school graduation. This foundation, for almost all learning, is generally related to academic subjects.

Expanded Core Curriculum

Most professionals firmly believe that visually impaired students need an expanded core curriculum that requires additional areas of learning. Experiences and concepts casually and incidentally learned by sighted students must be systematically and sequentially taught to the visually impaired student.

Dr. Philip Hatlen is the Superintendent, Texas School for the Blind and Visually Impaired, Austin, and serves as an Ex Officio Trustee of the American Printing House for the Blind.

Note: The introductory copy at the beginning of each of the Expanded Core Curriculum sections in this catalog was authored by Dr. Philip Hatlen.

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APH will work with you to develop test items or to convert your state or other major tests into accessible formats • BRAILLE • LARGE PRINT • AUDIO. For additional information, contact APH's Accessible Tests Department at 1-800-223-1839. For a price list, custom contract estimate, or information on the status of an order, ask for the Contract Administration Department.

ISAVE

Individualized Systematic Assessment of Visual Efficiency

A functional vision assessment tool for use with infants, children, and young adults with significant cognitive, neurological, physical, and sensory impairments who cannot respond reliably to standard measures. Helps the user determine instructional entry level and programming strategies for facilitating efficient application of remaining visual functioning.

Components

- 16 chapters of text and protocols in separate booklets. Booklets bound in two 3-ring binders.
- CD-ROM: View materials through your web browser and increase the print to any size. Print out copies of protocols, graphs, and charts as needed to perform assessments. PC and Mac® compatible. *Internet Explorer®* recommended. Note: The CD-ROM is not sold separately.
- For clear printing at any size, ISAVE protocols are online at www.aph.org.
- Cassette tape edition of the text
- Visual discrimination cards for evaluating visual acuity and discrimination
- Card storage pages that fit in the binders
- A clear vinyl grid with hook/loop fabric for evaluating visual fields
- Hook/loop board for easy display of the cards during evaluations
- Hook/loop strips for attaching the cards to the board
- A "lollipop" style occluder for blocking the vision of one eye while testing the other
- Clear rulers to measure focusing distance
- Tote bag for carrying all components

ISAVE: 7-96160-00.....$175.00

OccluderPop Pack only (3 occluders): 1-96160-00.....$5.00

OccluderPops also available separately.

Good Lookin': ISAVE and the Minimally Responsive Child Videotape

This video brings you training in methods and accepted practices of using ISAVE to determine visual function in very young students with minimal response topographies. 28 Minutes.

***Good Lookin'* VHS Video:**
1-30001-00.....$25.00

ISAVE Visual Field/Acuity Grid

This product allows the user to perform simple visual field and acuity activities with children. All visual field and acuity activities in ISAVE that call for a transparent grid can be accomplished with the ISAVE Grid.

The grid board is 18 x 18 inches, clear plastic, and marked with white lines to make the grid. It stands alone so teachers and interventionists can remain hands-free. The grid may be folded and placed into its fabric-lined pouch to keep from being scratched.

ISAVE Visual Field/Acuity Grid:
1-08540-00.....$49.00

New

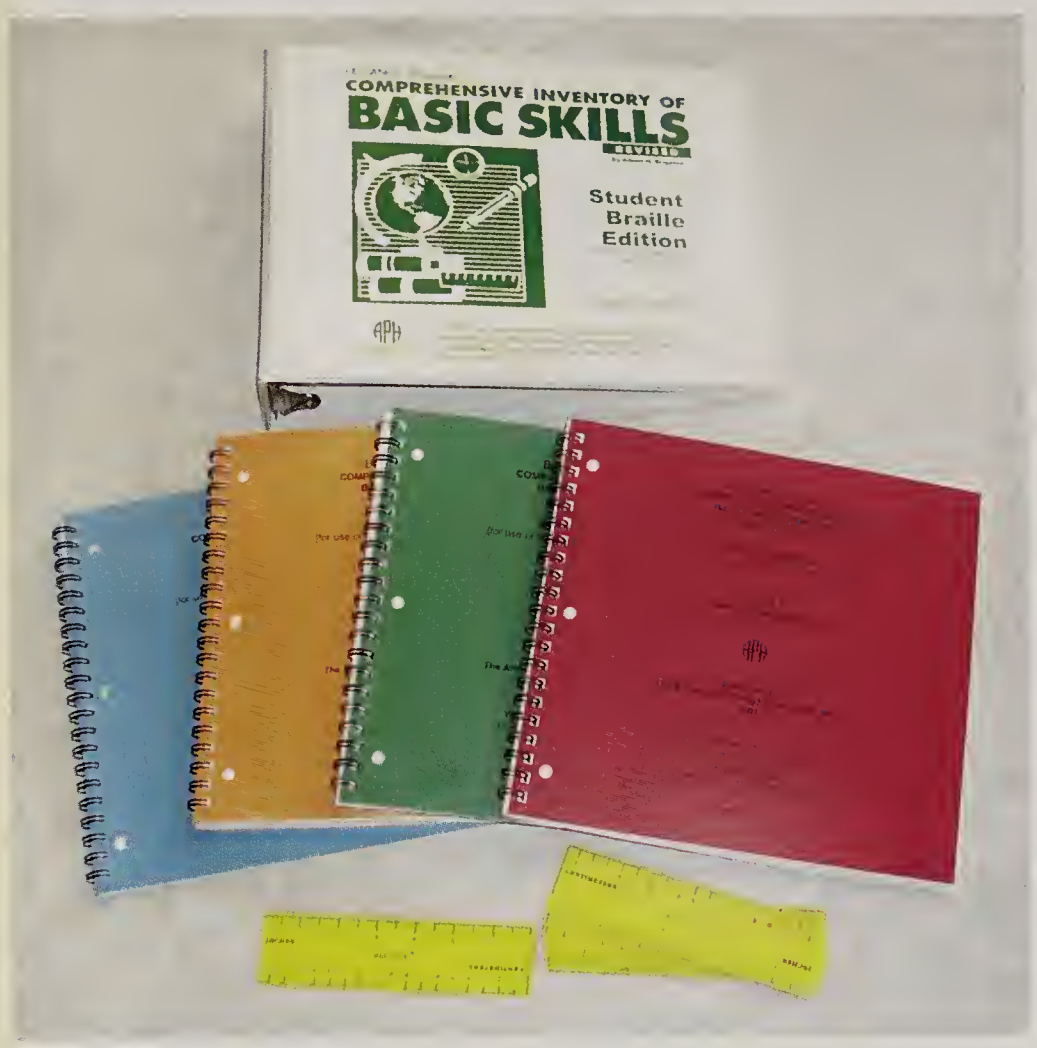
ISAVE 101 Video

ISAVE 101 presents an overview of the ISAVE kit in a brief, entertaining, and informative video. Two lively characters engage the viewer as the video addresses such questions as "What is ISAVE?" "Who can use ISAVE?" "Who is the target audience for ISAVE?" "How do I organize it and put it together?" "What do I need to know before using ISAVE?" "How do I prepare the environment to use ISAVE?" "How can ISAVE help me with functional vision assessments?"

ISAVE 101 VHS: 1-30012-00.....$TBA

ISAVE 101 DVD: 1-30012-DVD.....$TBA

Brigance® Diagnostic Comprehensive Inventory of Basic Skills (Green), Revised, 1999: Student Braille Edition



A representative portion of the *Brigance Basic Skills (Green), Revised 1999*

A criterion-referenced inventory that assesses, on an individual basis, a student's strengths or weaknesses in specific skills areas, the Brigance® has been especially useful in support of IEP development and program planning.

The revised 1999 edition spans grades pre-kindergarten through nine. Innovations include options for group administration, updated grade placement tests, updated skill sequences, and alternative assessment options for pretests and posttests. The new student braille edition is designed to be used only in conjunction with the print test. Information on ordering the print inventory can be obtained from the publisher, Curriculum Associates®, Inc. (see below).

An adaptation of the print inventory, the student braille edition includes tactile representations of diagrams where appropriate. The 23 subtests have been grouped into 14 braille modules and made available separately or as a set.

Features of the Student Braille Edition:

- Color-coded modules match the print test
- Large 3-ring binder is available for organizing the modules
- Student modules available separately or as a complete inventory
- Braille subtests lie flat on the work surface
- Large print and braille Teacher's Notes, with ideas for alternative assessments, for each accompanying module
- Large print/braille ruler is supplied for math subtests

To Order

***Brigance Diagnostic Comprehensive Inventory of Basic Skills (Green), Revised 1999,* Complete Braille Inventory with 14 modules and binder: 5-00000-00.....$206.00**

***Brigance Basic Skills (Green), Revised 1999,* Binder only: 5-00015-00.....$12.00**

***Brigance Basic Skills (Green), Revised 1999*, Individual Student Modules:**

Module	Subtests in Module	APH Catalog No.	Price
1	A: Readiness	**5-00001-00**	$11.00
2	B: Speech C: Listening	**5-00002-00**	11.00
3	D: Word Recognition Grade Placement E: Oral Reading	**5-00003-00**	11.00
4	F: Reading Comprehension	**5-00004-00**	13.00
5	G: Word Analysis	**5-00005-00**	12.00
6	H: Functional Word Recognition	**5-00006-00**	12.00
7	I: Spelling J: Writing	**5-00007-00**	12.00
8	K: Reference Skills	**5-00008-00**	26.00
	L: Graphs and Maps		
9	M: Math Grade Placement N: Numbers	**5-00009-00**	12.00
10	O: Number Facts P: Computation of Whole Numbers	**5-00010-00**	12.00
11	Q: Fractions and Mixed Numbers	**5-00011-00**	15.00
12	R: Decimals S: Percents	**5-00012-00**	11.00
13	T: Time U: Money	**5-00013-00**	12.00
14	V: U.S. Measurement & Geometry W: Metrics	**5-00014-00**	24.00

Additional Large Print/Braille Toss-Away Rulers (24-Pack): 1-03010-00.....$10.00

Optional Large Print Toss-Away Ruler (24-Pack): 1-03011-00.....$6.00

Please refer to the Mathematics section, page 32, for a description of these rulers.

Note: The student braille edition was designed to be used only in conjunction with the print inventory. To get ordering information for the print test, student record books, and other regular print materials, contact: Curriculum Associates, Inc., 153 Rangeway Road, North Billerica, MA 01862-0901, 800-225-0248, Fax: 800-366-1158 / www.curriculumassociates.com.

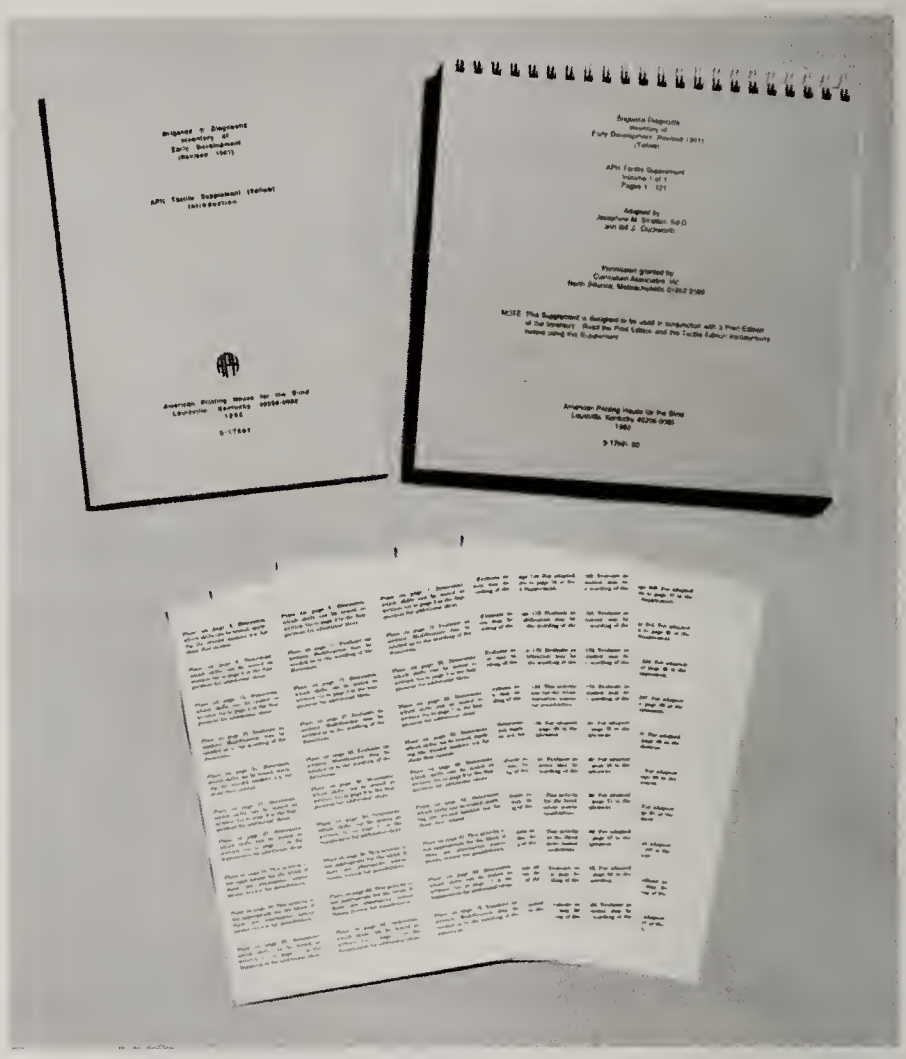
Brigance® Diagnostic Inventory of Early Development (Yellow): APH Tactile Supplement, Revised 1991

A criterion-referenced assessment designed to identify the level of mastery that a young child has achieved on selected skills. This information is important for planning a child's Individualized Family Service Plan (IFSP) or Individualized Educational Program (IEP). This inventory of early development was designed for children birth through kindergarten.

The *Brigance Inventory* is a self-directed inventory. The *APH Tactile Supplement* is designed to be used only in conjunction with the print edition of the Inventory (available from the publisher, see below). The *Supplement* provides alternative procedures and tactile materials for items which involve visual stimuli, with additional directions and suggestions where appropriate.

The *APH Supplement* consists of:

- Braille/tactile materials supplement
- Labels for marking the print edition of the test, indicating the pages for which alternative procedures are provided in the *Supplement*.
- Five student *Developmental Record Books* that are used to note assessments completed and the child's progress.



Skills categories tested with this inventory:

- Preambulatory Motor Skills and Behaviors
- Gross-Motor Skills and Behaviors
- Fine-Motor Skills and Behaviors
- Self-Help Skills
- Speech and Language Skills
- General Knowledge and Comprehension
- Social and Emotional Development
- Reading Readiness
- Basic Reading Skills
- Manuscript Writing
- Basic Math

Brigance Diagnostic Inventory of Early Development (Yellow):
APH Tactile Supplement: 5-17681-00.....$122.00

Note: The APH tactile supplement was designed to be used only in conjunction with the print inventory. To obtain ordering information for the print test, contact: Curriculum Associates®, Inc., 153 Rangeway Rd., North Billerica, MA 01862-0901, 1-800-225-0248, Fax: 1-800-366-1158, www.curriculumassociates.com

KeyMath® 1988: A Diagnostic Inventory of Essential Mathematics: Braille Edition, Form A

An individually administered content-referenced test that provides a comprehensive assessment of a student's understanding and application of important mathematics concepts and skills. For students in kindergarten through 9th grade.

Results can be used to guide general instructional planning or remedial instruction. They can also be used as part of a comprehensive psychoeducational assessment; in program evaluations; or to assess the scope, currency, and efficacy of a mathematics curriculum.

Includes Embossed Illustrations

The *KeyMath Braille Edition* contains braille and/or embossed illustrations to accompany the regular print edition, which is administered orally. A *KeyMath Manual* is needed for reference, and is included in the complete kit or can be purchased from the publisher, American Guidance Service® (see address below).

Test Records Supplied

Individual Test Records (five copies) are supplied with the *KeyMath Complete Kit*. An *Individual Test Record* should be used for a trial administration of the test and for each student who is actually administered the test for diagnostic purposes. Additional *Individual Test Records* are available from American Guidance Service.

KeyMath Revised, 1988: A Diagnostic Inventory of Essential Mathematics: Braille Edition, Form A:

Complete Kit (Kit includes the braille/tactile test in four volumes, *KeyMath Manual* in regular print, regular print *Supplemental Directions*, and five Individual Test Records): **5-65701-00.....$296.00**

Braille/tactile test only: 5-65702-00.....$130.00

Print Supplemental Directions for administering the braille/tactile versions only: 7-65701-00.....$11.00

Additional *Individual Test Records* and *KeyMath Manual*

Additional copies of the *KeyMath Individual Test Records* and the *KeyMath Manual* may be obtained from: American Guidance Service, 4201 Woodland Road, Circle Pines, Minnesota 55014, 800-328-2560, 651-287-7220, www.agsnet.com.

Stanford Achievement Test: 9th Edition, Form S, 1996: Braille and Large Type Editions

APH, with permission of the Psychological Corporation/Harcourt Educational Measurement, has published braille and large type editions of this test, designed to measure performance in the areas of reading, spelling, study skills, language, mathematics, science, social science, and listening skills. Adapted versions span grades 2-12.

The braille and large type editions of ten levels of the *Stanford* are available directly from APH. (Note: The first three levels, SESAT 1 and 2 and Primary 1 of the *9th Edition* were not adapted for braille and large type due to their highly pictorial content.)

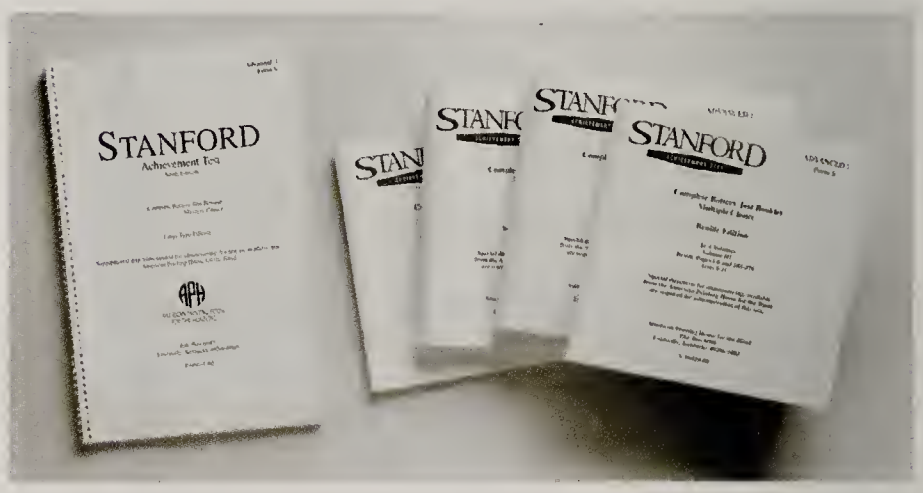
Instructions for administering the braille and large type editions are included with each level of the test.

Norms Book Available

The *National Norms Books, Fall and Spring Editions, 1996* are available from Harcourt Assessment, 800-211-8378, Fax 800-232-1223. These books contain information on the educational content/rationale of the *Stanford*, as well as guidelines for interpretation of scores and individual performance.

Recommended Levels for Stanford Achievement Test: Form S, 9th Edition

Grade	Fall	Spring
2	Primary 2	
3	Primary 2	Primary 3
4	Primary 3	Intermediate 1
5	Intermediate 1	Intermediate 2
6	Intermediate 2	Intermediate 3
7	Intermediate 3	Advanced 1
8	Advanced 1	Advanced 2
9	Adv. 2/TASK 1	Adv. 2/TASK 1
10	TASK 2	TASK 2
11	TASK 3	TASK 3
12	TASK 3	TASK 3



BRAILLE TESTS

Level	APH Catalog No.	Price
Primary 2	**V-96100-00**	$38.00
Primary 3	**V-96102-00**	$56.00
Intermediate 1	**V-96104-00**	$56.00
Intermediate 2	**V-96106-00**	$60.00
Intermediate 3	**V-96108-00**	$60.00
Advanced 1	**V-96110-00**	$60.00
Advanced 2	**V-96112-00**	$60.00
TASK 1	**V-96114-00**	$70.00
TASK 2	**V-96116-00**	$70.00
TASK 3	**V-96118-00**	$70.00

LARGE TYPE TESTS

Level	APH Catalog No.	Price
Primary 2	**F-96101-00**	$26.25
Primary 3	**F-96103-00**	$30.00
Intermediate 1	**F-96105-00**	$30.50
Intermediate 2	**F-96107-00**	$30.50
Intermediate 3	**F-96109-00**	$33.50
Advanced 1	**F-96111-00**	$33.50
Advanced 2	**F-96113-00**	$33.50
TASK 1	**F-96115-00**	$33.50
TASK 2	**F-96117-00**	$29.00
TASK 3	**F-96119-00**	$29.00

GED® Basics, 2002
Updated for the New GED!

An introductory guide to the basic skills you need to tackle the new General Educational Development (GED) test:

- Basic skills review for all question types
- Practice exercises and mini-tests for each subject area (Language Arts, Reading, Writing, Social Studies, Science, Math)
- Essay-writing techniques
- Expert study tips
- A discussion of the new GED format

***GED Basics*, Braille Edition (4 volumes):**
T-N1405-40.....$100.50

***GED Basics*, Cassette Edition**
(2 cassettes 15/16 ips, 4-track):
C-53866-00.....$5.00

New

K-FAST® (Kaufman Functional Academic Skills Test), 1994

This assessment is an individually administered test to determine performance in reading and mathematics as applied to daily living situations. *K-FAST* reading and arithmetic tasks relate to everyday activities, such as:

- Understanding labels on drug containers
- Following directions in a recipe
- Budgeting monthly expenses
- Making price comparisons between products

Spanning ages 15-85, *K-FAST* adapted versions for braille and large print were designed to be used with academic and non-academic track students in the transitional stage and with adults for program placement purposes.

Large Print: 4-64500-00.....$TBA

Note: Both the braille and large print editions include an administration manual in braille.

Coming Soon!
***K-FAST* Braille Edition**

Diagnostic Reading Scale (DRS): Spache®

This scale assesses three reading levels for each student: an instructional level, an independent level, and a potential level. The *DRS* can provide a basis for educational planning or remediation.

Diagnostic Reading Scale: Spache, Student Reading Book. Adapted by Bill Duckworth and Hilda Caton. American Printing House for the Blind, 1992. For grades 1-7.

Large Print Edition: 4-31700-00.....$25.00

Braille Edition: 5-31700-00.....$25.00

Diagnostic Reading Scale: Spache, Examiner's Pack. Adapted by Bill Duckworth and Hilda Caton. American Printing House for the Blind, 1992. For grades 1-7.

Regular Print Edition: 7-31700-00.....$32.00

The Psychoeducational Assessment of Visually Impaired Persons Videotape

Video and booklet for teachers and school psychologists who have not had experience with people who are visually impaired. Presents the procedures and benefits of psychoeducational assessments, which can enhance a student's educational progress. Features Dr. Sharon Bradley-Johnson.

26-minute VHS videotape and booklet:
1-30003-00.....$24.95

Booklet only (pack of ten): 7-30003-00.....$18.00

Functional Vision: A Bridge to Learning and Living: Functional Vision Assessment Video

This video, featuring internationally known experts, gives an overview of low vision and the process of a functional vision assessment. It highlights the importance of assessing low vision and how such an assessment is accomplished.

The video was directed by APH's Mary Nelle McLennan and features Marshall Flax, Wisconsin Council of the Blind; LaRhea Sanford, Metropolitan Nashville Public Schools; Edith Ethridge, Kentucky School for the Blind; Beth Langley, Pinellas County Clearwater Schools; and Laura Felty, Raceland Independent Greenup County Schools.

VHS cassette runs approximately 26 minutes.

1-30009-00.....$20.00

Generic Answer Sheets

APH offers two types of generic answer sheets useful in a variety of assessment activites.

Simple Multiple-Choice Answer Sheets (pk of 50) 1-03680-00.....$5.50

Multiple Choice Multipurpose Answer Sheets (pk of 50)
Braille: 1-04051-00.....$5.50
Large Type: 1-04072-00.....$5.50

Early Childhood

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Everyday Activities Calendar

This idea-filled calendar suggests a fun preschool activity for each day of the year formatted with two days per page. Activities are drawn from everyday occurrences and make use of easily accessible, low cost materials.

The large print/braille calendar is designed so the user may begin at any point and comes in a three-ring binder with color dividers between each month. This calendar does not track any specific year, but can be used year after year.

1-08121-00.....$56.00

Reach For the Stars, Planning for the Future: A Transition Process for Families of Young Children

APH presents *Reach for the Stars*, a first-of-its-kind guidebook about transitioning young children into preschool or kindergarten settings. It is designed to help the families of young children with disabilities imagine positive and productive futures. It aids families in working with school personnel to create educational plans that will lead to inclusive educational programs.

- Family members can work with teachers, community members, and their child's peers to complete the maps and supporting materials prior to attending a transition meeting for their child.
- Service providers can use the material to understand a family's desires and expectations regarding their child's future.

Reach for the Stars:

Large Print Edition: 7-08410-00.....$26.00

Braille Edition: 5-08410-00.....$41.00

Transition Planning Pages only:

Large Print: 7-08411-00.....$5.00

Braille: 5-08410-01.....$6.00

Parents and Visually Impaired Infants (PAVII)

Print materials designed to help parents of visually impaired babies become involved as primary members of the intervention team. Includes:

- **Parent Assessment of Needs:** Help identify home-based goals for infants.
- **Parent Observation Protocol:** Covers parent observation of self and child through videotaping.
- **PAVII 'How-To' Papers on Assessment:** Home-based assessment information.
- **The Art of Home Visiting:** Responsibilities of a home visitor and issues in the home visit process.
- **Getting Ready for School:** The learning environment, family factors, child factors, school district factors, expert input, and educational rights.
- **Learning Together: A Parent Guide to Socially Based Routines for Visually Impaired Infants:** Help a baby learn during everyday activities (also available separately).

Materials come bound in a sturdy three-ring notebook. Recommended ages: birth to 3 years, primarily for parents.

***PAVII:* 7-96150-00.....$44.00**

***Learning Together* only: 7-68660-00.....$13.00**

***PAVII* helps parents become deeply involved in their child's education.**

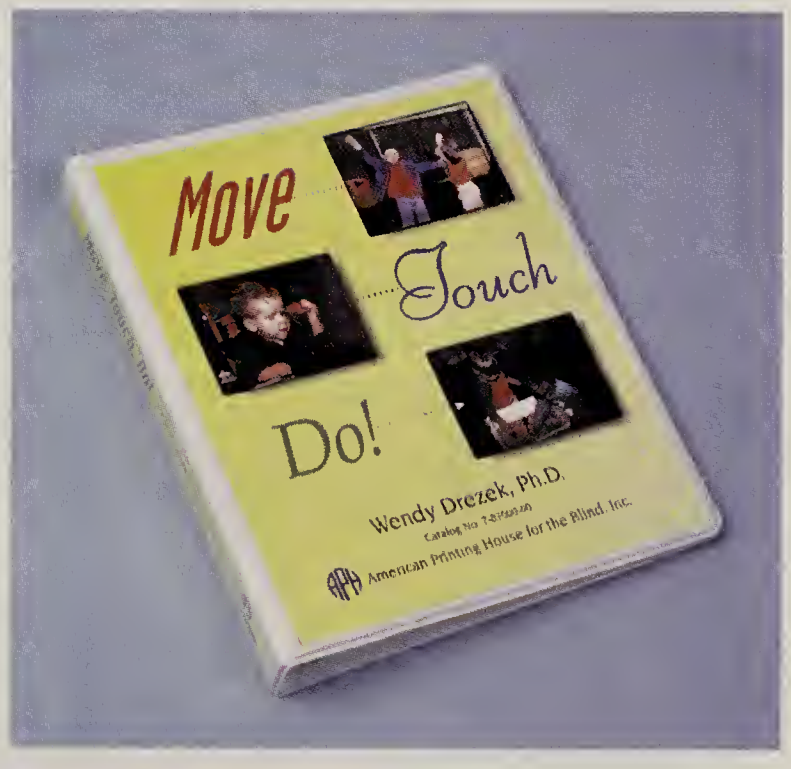
Move, Touch, Do!

Curriculum provides children opportunities to develop the awareness and skills to prepare them to enter formal education.

Materials provide an outline of daily activities, a structure of materials and skills for the school year, instructions for craft projects, and sample communication boards. Included computer disk contains letters to parents, helpful forms, and checklists.

Recommended ages: For developmental ages birth to 5 years, primarily for professionals.

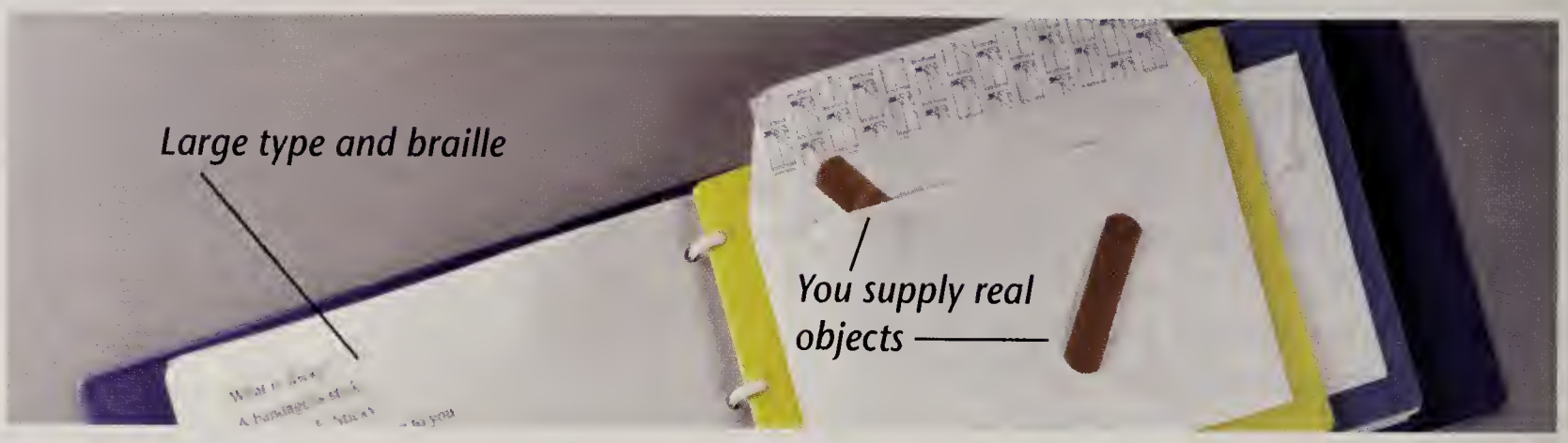
***Move, Touch, Do!* 7-83000-00.....$42.00**



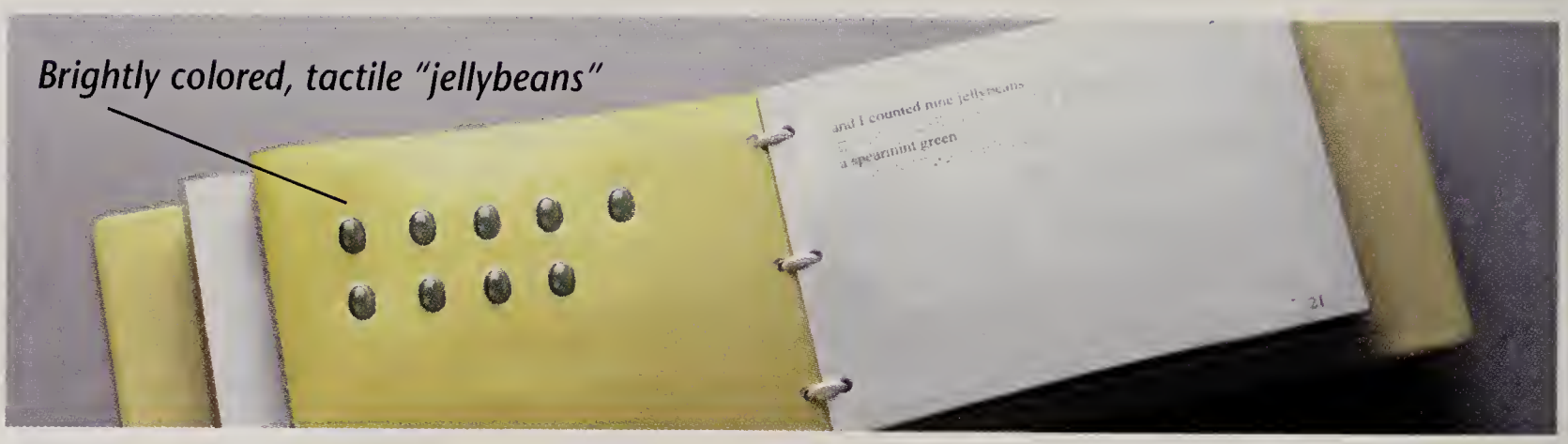
Prepare young children to enter formal education!

On the Way to Literacy: Early Experiences for Visually Impaired Children

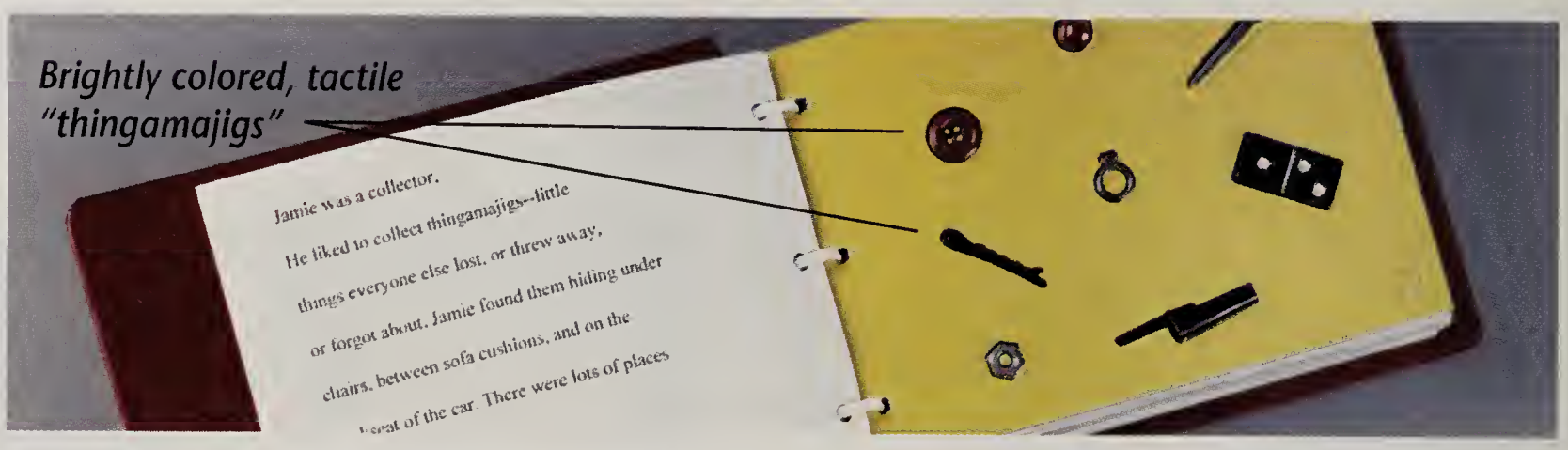
Sample titles; please see page 15 for a complete listing.



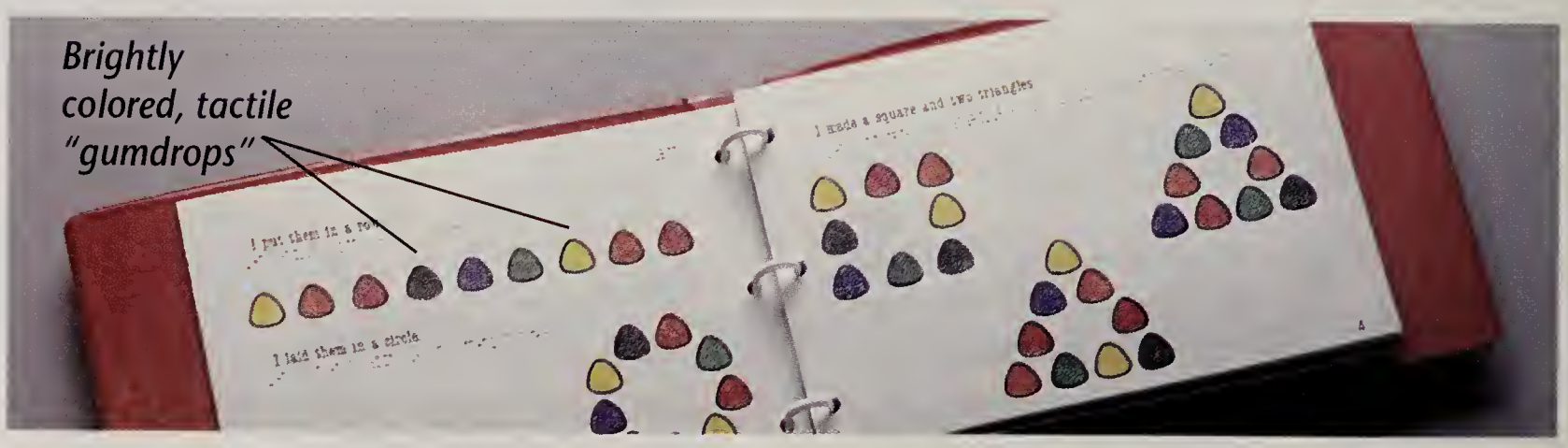
***Giggly-Wiggly Snickety-Snick* (A Book with Real Objects and Textures)**



***Jellybean Jungle* (A Book with Thermoforms)**



***Thingamajig* (A Book with Thermoforms)**



***The Gumdrop Tree* (A Book with Raised-Line Drawings)**

On the Way to Literacy: Early Experiences for Visually Impaired Children

This handbook and series of 18 storybooks contain vital information and activities to enhance the development of literacy in young blind or visually impaired children.

Handbook and *Let's Get Started*

Handbook for parents and teachers addresses communication, hand skills/tactual exploration, concepts, and book experiences.

Recommended ages for handbook and *Let's Get Started* concepts: birth to 5 years.

Storybooks

Storybooks introduce large print, tactile illustrations, and braille. Illustrations provide opportunities to use finger and hand skills.

Recommended ages for storybooks: 2 1/2 to 5 years, except ***Gumdrop Tree,*** which is not for children under 3 years.

How *On the Way* Is Sold

The handbook and storybooks can be purchased separately or as sets. The books in the sets are grouped together for your ordering convenience, and are not sequential in terms of level of difficulty.

On the Way Storybooks with Real Objects and Textures

Title	Description	Catalog No.	Price
Giggly-Wiggly, Snickety-Snick *(Set III)*	Words capture a range of tactile experiences–bumpy, smooth, crunchy, etc. Envelopes on the pages can be filled with real objects (not included).	6-77502-05	$44.00
Something Special *(Set I)*	A young child searches for a lost possession; features objects fixed to the book pages.	6-77500-05	$44.00
That's Not My Bear *(Set II)*	A well-loved teddy bear is lost and cannot be replaced. The special bear and others offered by the family are represented by furry shapes.	6-77501-01	$45.00
Geraldine's Blanket *(Set II)*	A girl's treasured blanket becomes worn and patched over time, but is never outgrown. Squares of fabric illustrate the fate of the blanket.	6-77501-02	$55.00

On the Way Storybooks Illustrated with Thermoforms (molded plastic shapes)

Title	Description	Catalog No.	Price
Jennifer's Messes (Set I)	Thermoforms of familiar objects such as breakfast cereal, pretzels, and crayons illustrate the messes made by Jennifer.	6-77500-06	$55.00

continued on next page

On the Way Storybooks Illustrated with Thermoforms, continued

Title	Description	Catalog No.	Price
Jellybean Jungle *(Set III)*	A counting rhyme about a magical jungle filled with jellybeans. From one to ten, the jellybeans appear in rows for easier counting. Scented stickers included.	**6-77502-01**	**$69.00**
Gobs of Gum *(Set I)*	A rhyming story about "big blobs, small gobs, and sticky icky strings of bubblegum."	**6-77500-08**	**$38.00**
Roly-Poly Man *(Set I)*	A young child creates a "roly-poly" figure from pieces of clay.	**6-77500-07**	**$48.00**
Thingamajig *(Set III)*	Jamie is a collector of "thingamajigs"–coins, marbles, buttons, and other common objects. His treasures introduce the concept of grouping items, and identifying missing items.	**6-77502-04**	**$42.00**

On the Way Storybooks with Raised-Line Drawings

Title	Description	Catalog No.	Price
The Longest Noodle *(Set I)*	A child finds the world's longest noodle. Raised lines illustrate a shoelace, a jump rope, etc.	**6-77500-01**	**$21.00**
The Blue Balloon *(Set II)*	A special balloon takes on extraordinary shapes and performs amazing feats. Illustrated with brightly colored, raised balloon shapes.	**6-77501-03**	**$35.00**
The Littlest Pumpkin *(see related puzzles after this chart)*	When the littlest pumpkin in the patch isn't chosen to become a jack-o-lantern, things seem very bleak—until a child discovers his hiding place! Raised lines and die-cut foam pumpkins.	**6-77504-00**	**$48.00**
That Terrible, Awful Day *(Set I)*	A young child's popsicle gets smaller as everyone shares a taste.	**6-77500-04**	**$17.00**
The Caterpillar *(Set I)*	A visually impaired child discovers something in her backyard. Has raised line drawings of a hand, foot, steps, and a fuzzy fabric caterpillar.	**6-77500-02**	**$18.00**
Silly Squiggles *(Set I)*	A wormlike creature stretches, squeezes, and squirms into various shapes in this rhyming story.	**6-77500-09**	**$19.00**
The Gumdrop Tree *(Set III)*	A tree which grows from a gumdrop! The raised-line drawings depict the growth of the tree. The gumdrops are shown in a row, circle, square, etc. Includes scented stickers.	**6-77502-03** For ages 3 years and up.	**$58.00**
Bumpy Rolls Away *(Set I)*	Bumpy the Ball rolls down a hill, down steps, onto a sidewalk, along an alley, and into a box.	**6-77500-03**	**$19.00**

Special *On the Way* Book Lets Children Create a Story About Themselves

Title	Description	Catalog No.	Price
Book About Me (Set I)	A "Me Book" for children to create, with fill-in-the-blank sentences in braille and print, and space to add illustrations and text.	6-77500-10	$16.00

On the Way to Literacy Book Sets

Title	Description	Catalog No.	Price
On the Way to Literacy: Complete (Set I)	One print handbook and one each of: *Something Special; Jennifer's Messes; Gobs of Gum; Roly-Poly Man; The Longest Noodle; That Terrible, Awful Day; The Caterpillar; Bumpy Rolls Away; Silly Squiggles; Book About Me.* 10 storybooks total.	6-77500-00	$331.00
On the Way to Literacy: Complete (Set II)	*One each of: That's Not My Bear, Geraldine's Blanket, The Blue Balloon.* 3 storybooks total.	6-77501-00	$143.00
On the Way to Literacy: Complete (Set III)	*One each of: Giggly-Wiggly, Snickety-Snick; Jellybean Jungle; Thingamajig; The Gumdrop Tree.* 4 storybooks total. *Gumdrop* 3 years and up.	6-77502-00	$221.00

On the Way to Literacy Handbook, *Let's Get Started*, and Related Video

Title	Description	Catalog No.	Price
***On the Way to Literacy* Print Handbook**	Helps parents and teachers build a foundation for literacy with children from birth to kindergarten. (One print copy is included with Complete Set I.)	8-77500-00	$28.00
***On the Way to Literacy* Cassette Tape Handbook**	Contains the text of the print handbook on a 4-track, 15/16 ips cassette tape. (Cassette edition of handbook is only available separately.)	C-77500-00	$2.50
On the Way to Literacy: Let's Get Started	Introductory book to the *On the Way* series helps parents learn the importance of reading aloud to young children. This print/braille book is included in all new sets of *On the Way* books.	8-77499-00	$8.00
Discovering the Magic of Reading: "Elizabeth's Story" (videotape and booklet)	This 24-minute video and included booklet examine ways that parents and teachers of young visually impaired children can make the vital experience of reading aloud enjoyable and meaningful.	1-30002-00	$25.00

Related *On the Way* Product: Pumpkin Puzzles

APH offers two pumpkin puzzles related to the *On the Way to Literacy* book *The Littlest Pumpkin*. These puzzles, sold as a set, depict the Littlest Pumpkin and another jack-o-lantern face. Orange and black foam puzzle pieces are reversible.

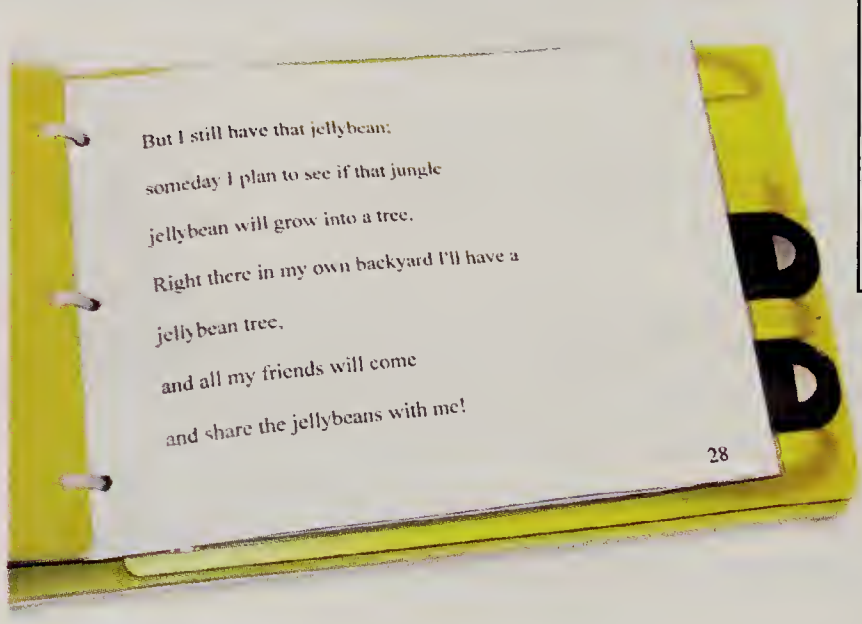
1-08835-00.....$35.00

On the Way to Literacy: APH Sound Page

The APH SoundPage, an *On the Way to Literacy* storybook accessory, allows readers to create their own sound effects and recordings. Slotted to hold up to three eight-second digital recording/playback devices (two included in basic set, with additional devices sold separately), the page can be clipped into the 3-ring binder of any *OWTL* storybook. The User's Guide contains suggestions for use as a part of story reading, as well as suggesting other uses for the recording device

APH SoundPage: 6-77505-00.....$33.00

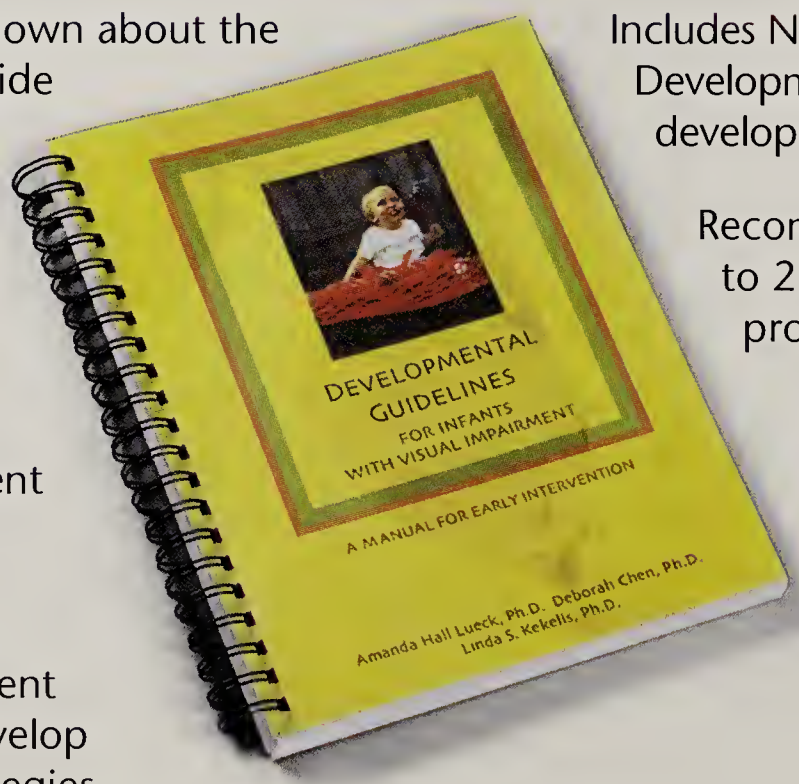
Additional Digital Recording Device: 6-77505-01.....$10.00



Developmental Guidelines for Infants with Visual Impairment: A Manual for Early Intervention

This manual describes what is known about the development of infants with a wide range of visual impairments. Includes sections on:

- Visual Impairment in Infants (overview)
- Social-Emotional Development
- Communication Development
- Cognitive Development
- Fine Motor Development
- Gross Motor Development
- Functional Vision Development
- Use of the Guidelines to Develop Intervention Goals and Strategies



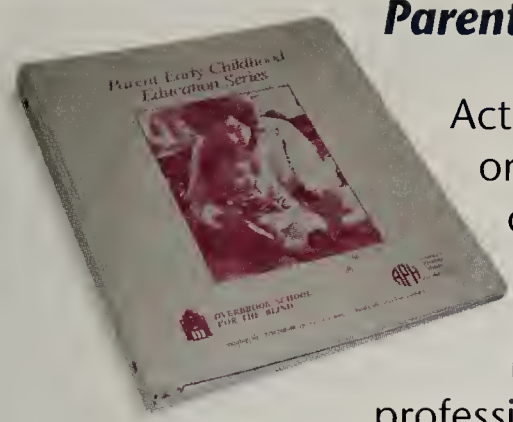
Includes Narrative Chapters and Developmental Charts for each developmental area.

Recommended ages: Birth to 2 years, primarily for professionals.

Print:
8-50700-00
$29.00

Cassette:
C-50700-00
$8.00

Parent Early Childhood Education Series



Activity sheets describe techniques parents can use to help their blind or visually impaired child grow in key developmental areas: cognitive, communication, eating, motor, and play skills; emotional and sensory development; and orientation and mobility.

Recommended ages: birth through 5 years, for parents and professionals.

Teacher, English Edition, Print in binder: 7-96201-00.....$14.00

Parent/Caregiver, English Edition, Loose Leaf Print: 7-96200-00.....$8.00

English Edition, Braille: 5-96201-00.....$35.00

Spanish Edition, Loose Leaf Print: 7-96202-00.....$15.00

Tactile Treasures: Math and Language Concepts for Young Children with Visual Impairments

Informal assessment and teaching tool for use with children from preschool through elementary. Helps develop an early understanding of basic concepts and vocabulary that are prerequisites for reading and math.

Tactile graphics of thermoformed real objects and related scripts/stories introduce over 90 concepts such as shape, size, comparison, amount, position, and page orientation. Consists of 79 thermoformed sheets featuring tactile objects, such as pretzels, buttons, shells, etc. Teacher's guidebook in print and braille provides the scripts or stories for each concept. Recommended ages: 4 to 9 years, primarily for professionals.

Tactile Treasures (entire kit): 1-08842-00.....$118.00

Replacement Items

Note: It is not recommended that the guidebook be used without the thermoformed pages.

Print Guidebook: 7-08842-00.....$22.00

Braille Guidebook: 5-08842-00.....$12.00

Fine Motor Development Materials: Twist, Turn, and Learn

Helps young visually impaired or multihandicapped children develop and enhance fine motor skills. Kit assists in developing reaching, grasping, raking, pincer grasp, wrist rotation, searching technique, palmar grasp, and visual-motor/visual-perceptual coordination.

Includes eight modules with bright colors and ringing bells; a set of straps that allow the modules to be hung on playpens or cribs; a carrying bag; and a print teacher's guidebook.

Recommended ages: birth to 36 months, primarily for professionals.

Fine Motor Complete Set: 1-08420-00.....$345.00

Teacher's Guidebook only: 7-40400-00.....$24.00

HANDS ON: Functional Activities for Visually Impaired Preschoolers

Helps children develop skills such as concentration, hand and visual coordination, ability to complete a cycle of activity, and socialization skills. Also helps develop a sense of order and a positive self-image.

Includes a guidebook and six specially designed plastic work trays. The guidebook details numerous activities using the trays and commonly available materials. The work progresses from jobs such as pouring beans to more complicated tasks such as preparing snacks. Recommended ages: 3 to 6 years, for parents and professionals.

HANDS ON Kit: 1-03260-00.....$195.00

HANDS ON Guidebook only: 7-52210-00.....$54.00

Sensory Stimulation Kit (SSK)

Facilitates development of basic sensory processes in young blind or multi-handicapped children.

Provides a wide range of stimulation, using bells, lights, textured mittens, vibrator, brush, blow dryer, etc. Complete Kit includes 25 groups of items within the five sensory modes (auditory, tactual-kinesthetic, visual, and olfactory/gustatory), a print teacher's guidebook, activity cards, and a Materials Carry-All.

Recommended ages: birth to 6 years, primarily for professionals.

Note: Kit contents may vary from those pictured.

SSK Complete Kit: 1-08610-00.....$547.00

Kits Available Separately:

Auditory Kit: 1-08640-00.....$124.00

Tactual-Kinesthetic Kit: 1-08630-00.....$155.00

Visual Kit: 1-08620-00.....$135.00

Olfactory/Gustatory Kit: 1-08650-00.....$39.00

Note: Materials Carry-All not included with separate kits.

Materials Available Separately:

***Teacher's Guidebook:* 8-11850-00.....$15.00**

Activity Cards: 8-11860-00.....$32.00

Penlight w/Color Caps & Flashlight w/Color Discs: 1-08390-00.....$40.00

Playing the Crucial Role in Your Child's Development and *Beginnings*

These two items give parents or teachers of visually impaired babies many easy-to-follow suggestions. The short video and more detailed book present ways of building critical skills such as reaching, grasping, midline coordination, walking, etc.

Recommended ages: birth to 2 years, for parents and professionals.

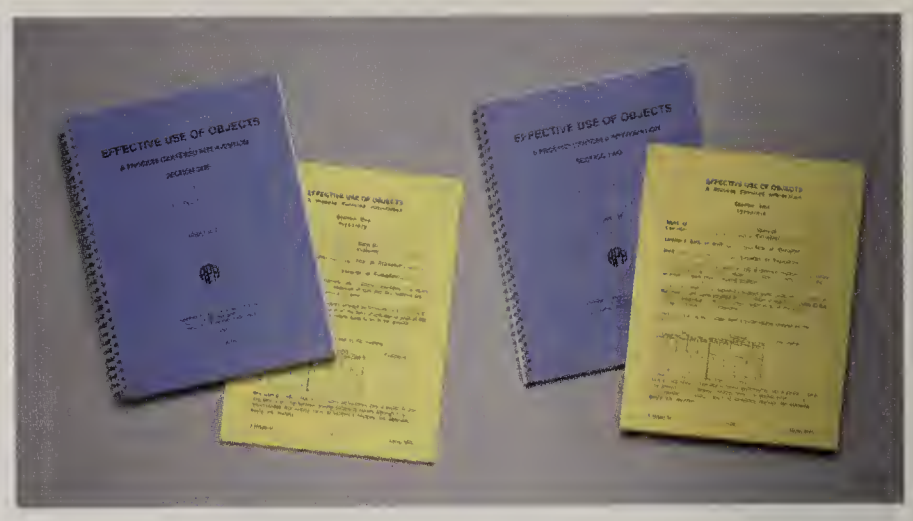
***Playing the Crucial Role in Your Child's Development* (VHS video): 1-08341-00.....$19.00**

***Beginnings: A Practical Guide for Parents and Teachers of Visually Impaired Babies* (print handbook): 7-11710-00.....$10.00**

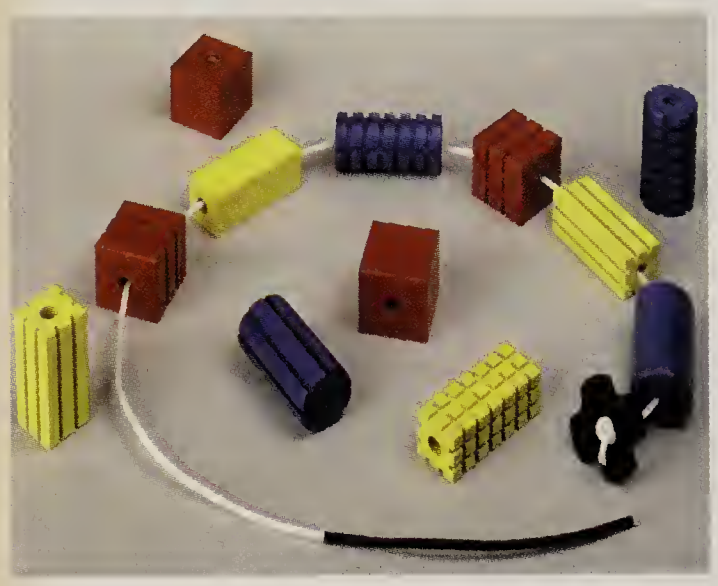
Effective Use of Objects: A Process Centered Intervention

Helps low-functioning learners develop task-oriented behavior that is self-regulating. Focuses on the kinds of problem-solving skills that encourage the functional use of objects. The first section stresses task orientation and exploration of the physical properties of objects. Section two addresses skills related to using objects in work sequences at a more advanced level.

Recommended ages: functional ages 2 to 7 years, for parents and professionals.



Effective Use of Objects:
7-35500-00.....$45.00



Giant Textured Beads

Introduces a variety of concepts, including shape, color, and texture. Also assists in the development of muscular and eye-hand coordination. Set includes 12 brightly colored plastic beads in three shapes: cube, rectangular solid, cylinder. Shapes have three textures: smooth, striped, and a grid. A bead stringer and instructions in print are included.

Recommended ages: 3 to 6 years.

Giant Textured Beads:
1-03780-00.....$71.00

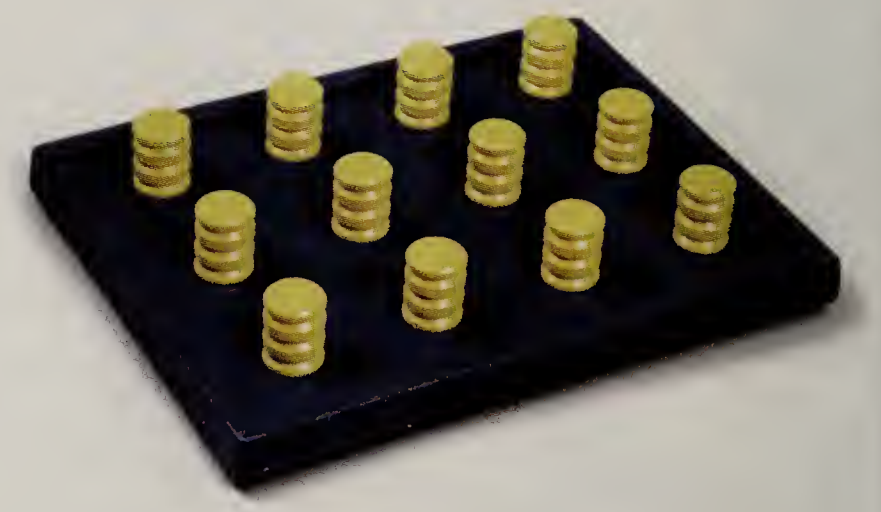
Stringer only: 1-03790-00.....$4.25

Textured Pegs

Helps develop fine motor skills, manual dexterity, and grasp/release skills, reinforcing concepts of direction and position. Includes a 12-hole board and 12 large textured pegs. Print instructions.

Recommended ages: 1 to 6 years.

1-08930-00.....$27.00



Shape Board

Students learn to discriminate, sort, and classify different geometric figures according to size, shape, color, or position on a pegboard. Also aids in understanding up, down, right, and left.

Consists of 15 geometric shapes and a board with three columns of five pegs. Includes five different shapes in small, medium, and large sizes. Print instructions.

Recommended ages: 4 years and older.

1-03710-00.....$75.00

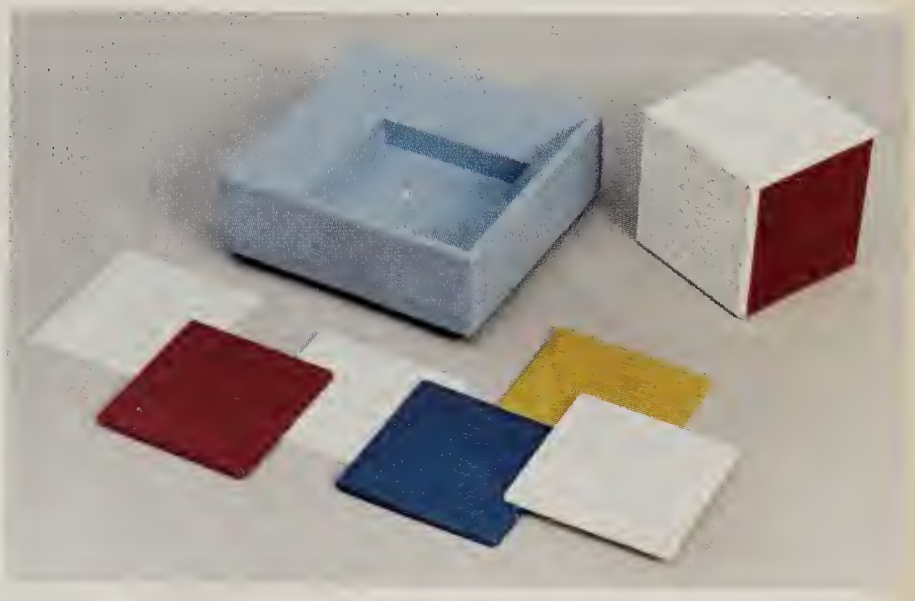
Large Textured Block

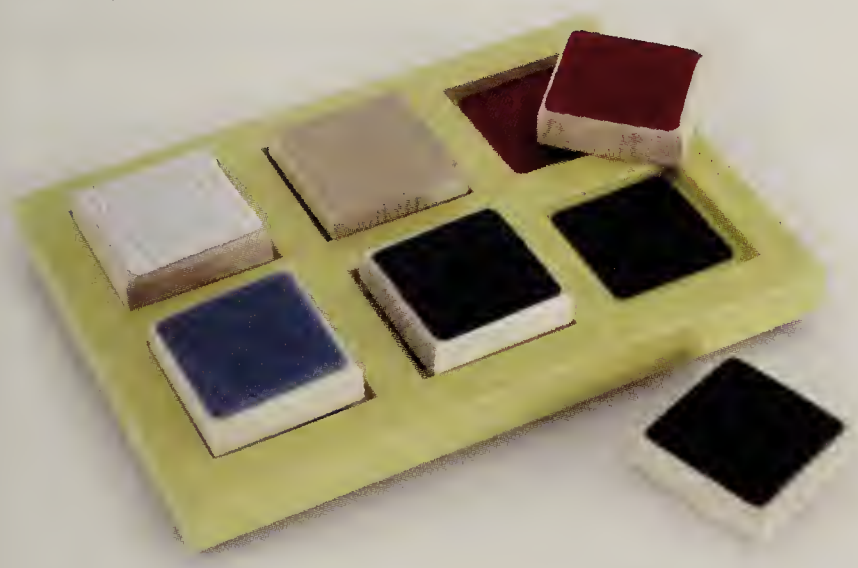
Develops gross motor dexterity, visual and tactual discrimination, and simple matching skills.

The 3-inch plastic cube features sides of six different colors and textures. Six flat plastic inserts match the cube sides. An insert is placed in the included frame; the block is then placed on top of the insert, matching side down.

Recommended ages: 5 years and older.

1-03820-00.....$27.00





Textured Matching Blocks

Encourages recognition of textures, identification of textures by name, and tactual matching, while reinforcing directional and positional concepts.

Includes six blocks of different textures and a board with identically textured nests for block matching. Print instructions.

Recommended ages: 3 to 6 years.

1-08950-00.....$57.00

Formboard with Removable Hands

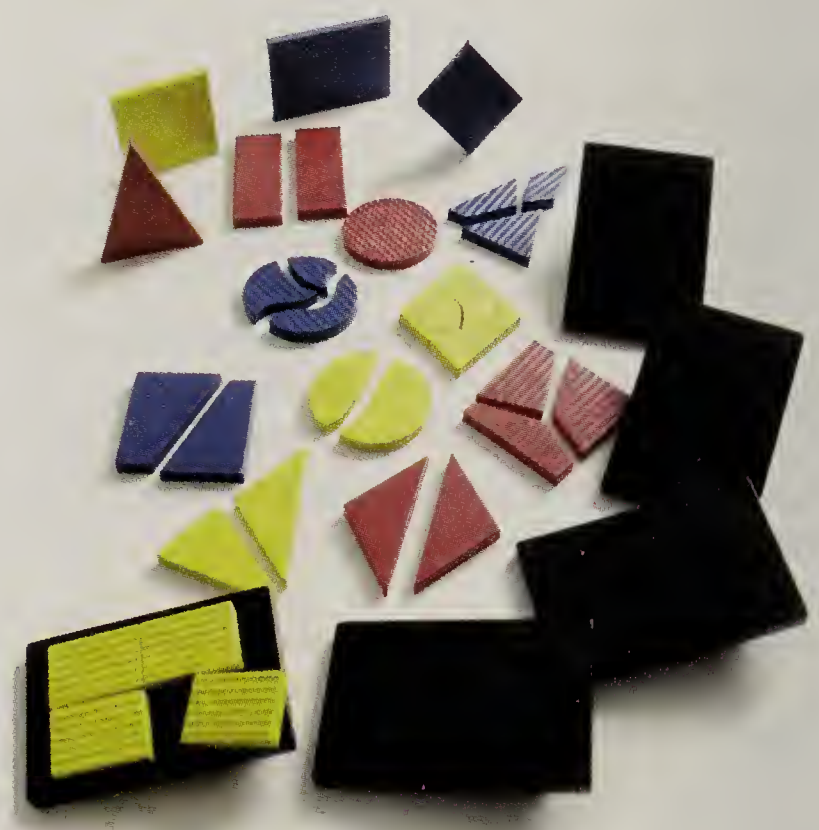
Promotes orientation to left and right hand positions and texture recognition. Base has incised left and right hand shapes. Tops of the removable hand pieces are smooth, the bottoms are textured. High contrast colors. Print instructions.

Recommended ages: 3 to 6 years.

1-03700-00.....$25.00

Related Product: *Touch and Tell* Classic reading readiness books: 6-44670-00

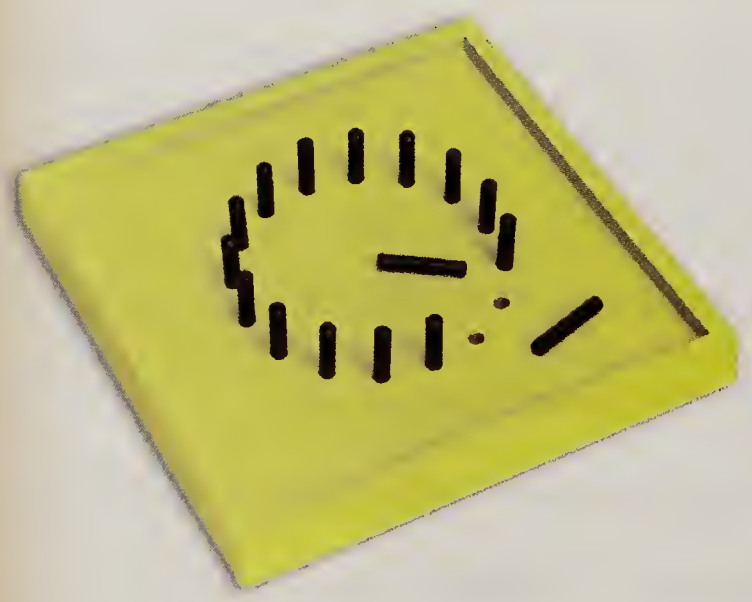
Puzzle Form Board Kit



The Puzzle Form Board Kit is a supplementary aid for teaching basic concepts such as shape, texture, color, size, and matching. This kit includes five different puzzle shapes with puzzle frames: circle, diamond, square, rectangle, and triangle. There are three variations of each of the five shapes.

Recommended ages: 3 years and older.

1-03721-00.....$60.00



Peg-A-Circle Set

Assists in teaching concepts of next, sequence, clockwise, and counterclockwise. Consists of a 12 inch square board containing 16 holes in a circular pattern, and 16 pegs. Print instructions.

Recommended ages: 3 years and older.

1-08550-00.....$44.00

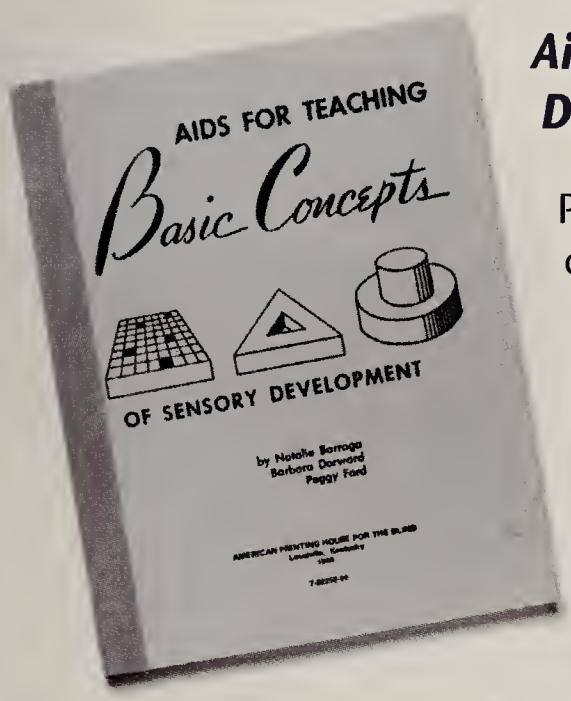
Peg Kit

Helps children develop skills in manipulation; number and language concepts; and color, size, and tactual discrimination.

Contains nine pegs of varying sizes, colors, and textures; a manipulation/storage container; and six inset frames with holes of varying number and size. Frames fit into the top of the container and provide for manipulating the pegs.

Recommended ages: 3 to 8 years.

1-03420-00.....$25.00



Aids for Teaching Basic Concepts of Sensory Development

Print handbook discusses sensory development concepts. Contains activities and guidance for use with visually impaired and multihandicapped children.

Recommended ages: infancy through primary.

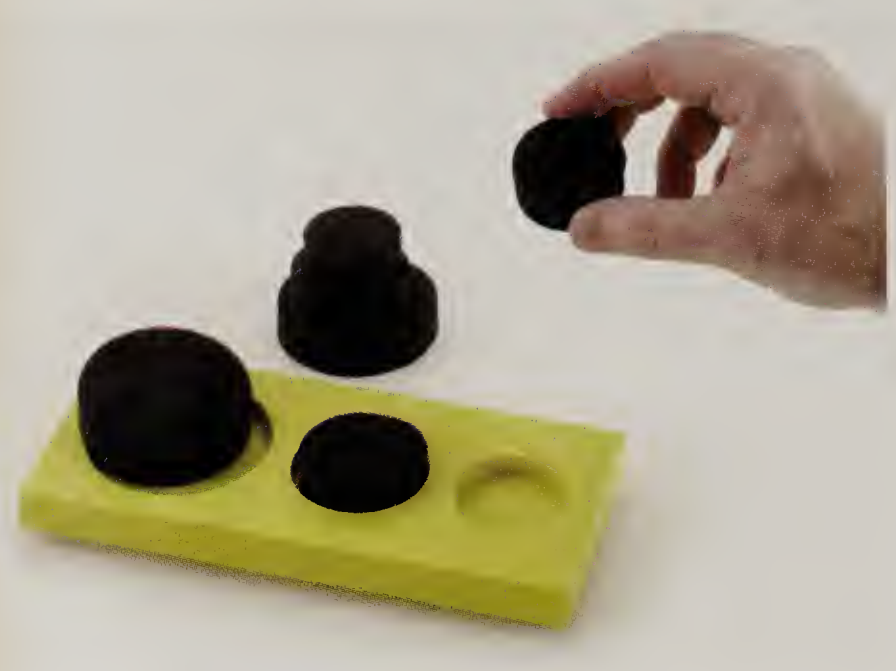
7-02250-00.....$28.00

Sensory Cylinder Set

Develops skills in manipulation; number and language concepts; and tactual, color, and weight discrimination. Contains six cylinders, two each of three different weights. Ends of the cylinders have six different texture matches. No two matches of weight, texture, or color can be made simultaneously.

Recommended ages: 3 years and older.

1-03670-00.....$69.00



Small, Medium, and Large Circles, Set I

Introduces the concept of fine size discrimination. A frame contains three recessed nests for holding six foam circles of various sizes. Print instructions.

Recommended ages: 1 to 6 years.

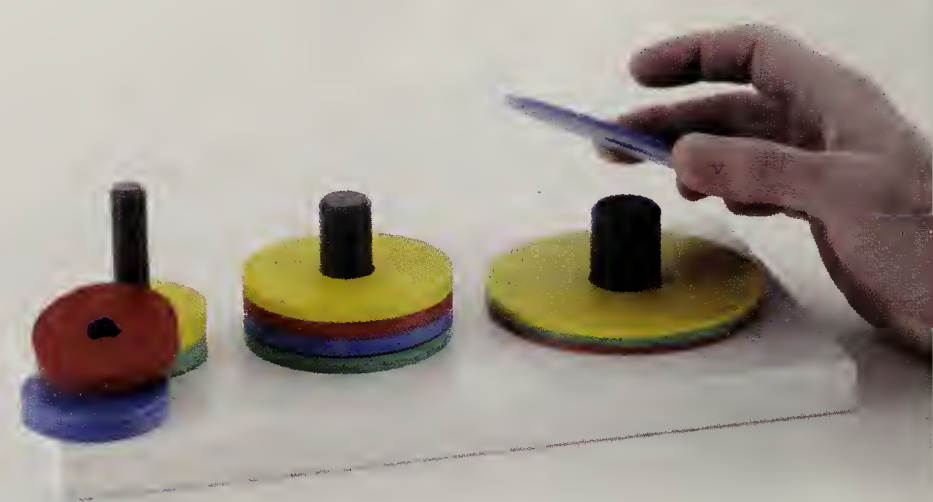
1-08590-00.....$16.00

Small, Medium, and Large Circles,Set II

Facilitates perception of three dimensions, while strengthening manipulative, matching, and discrimination skills. A base has three pegs for sorting three sets of four circles with holes in their centers. Circles are in four different colors, and as circle diameter increases, thickness decreases. Print instructions.

Recommended ages: 3 to 6 years.

1-08600-00.....$58.00



Sound Matching Board I

Develops fine motor skills and auditory matching and discrimination, with the capability of introducing sequential order.

Included are: 12 cylinders (four loud- and eight soft-sounding), and a circular, 12-hole board. Cylinders and board are of contrasting colors. Print instructions.

Recommended ages: 3 years and older.

1-08710-00.....$52.00

Sound Matching Board II

Helps develop concepts of a series, directions, positions, matching, and discrimination.

Includes eight shakers of four different sounds, and an 8-nest base. Print instructions.

Recommended ages: 3 years and older

1-08720-00.....$47.00

Work-Play Trays

Durable trays hold objects which might roll out of reach. Trays provide enclosed work space for sorting, matching, classifying, counting.

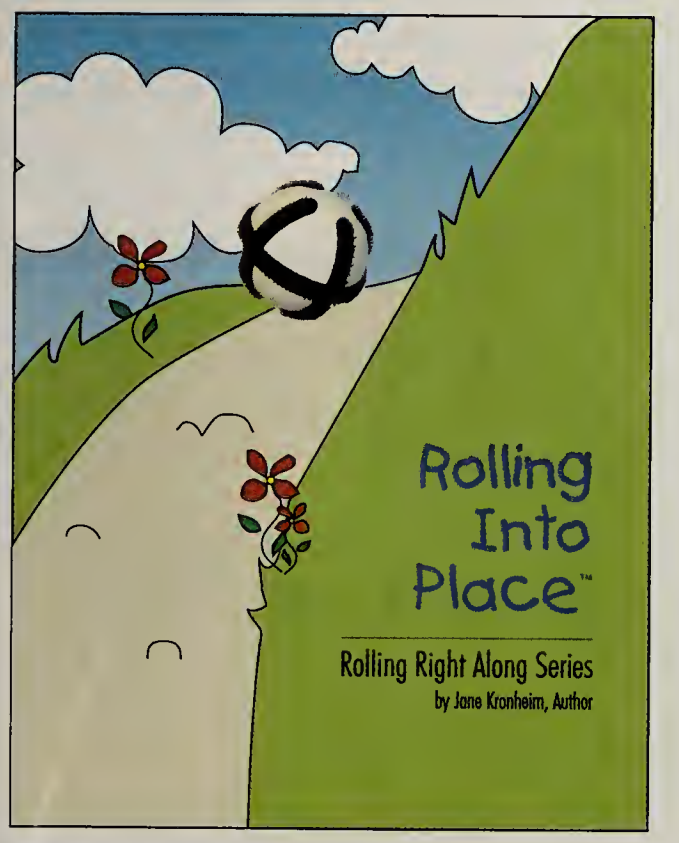
Two sizes and colors:

Small Work-Play Tray (17 x 11 3/4 inches):
Gray: 1-03750-00.....$15.00
Yellow: 1-03660-00.....$15.00

Dividers for Small Work-Play Tray (pack of four dividers):
Divide the work area into two, three, four, or five parts. 1-03770-00.....$18.00

Large Work-Play Tray (21 1/4 x 13 1/4 inches):
Gray: 1-03760-00.....$21.00
Yellow: 1-03740-00.....$21.00

Note: Dividers are not available for the large tray.



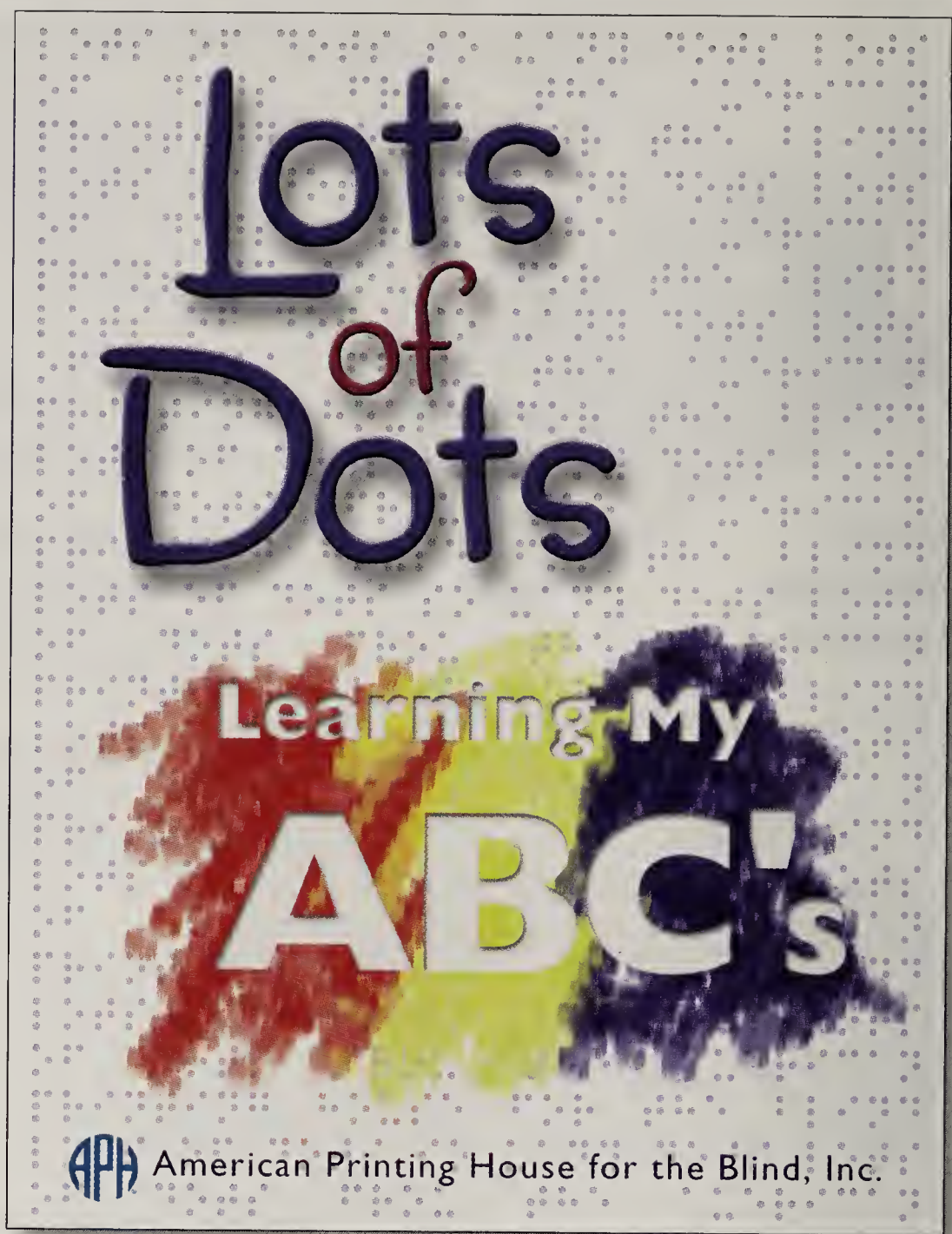
Rolling Into Place™

Although *Rolling Into Place* is an interactive storybook intended primarily for children with visual impairments, any young child can enjoy its unique, fun design. As the Velcro® ball is rolled to its final "surprise" destination, important hand skills and basic directional concepts are learned and reinforced. The book's simultaneous visual, tactile, and auditory feedback help the child attend to the path traveled by the ball. Also included are an assortment of interactive Velcro face pieces and an accompanying Author's Letter detailing suggested activities. Not intended for children ages 3 and under without adult supervision.

1-08450-00.....$65.00

New

Lots of Dots: Learning My ABC's



Learning by coloring is fun!

Lots of Dots: Learning My ABC's is an exciting raised-line coloring book designed for future large print and braille readers. It facilitates braille character recognition through repetitive activities designed for young children with visual impairments and multiple disabilities.

Each letter of the alphabet has two pages:

- the first page features a jumbo braille cell, with six raised-line open circles. The upper and lower case letters are shown with their braille equivalents, along with a reduced-size cell showing which dots need to be filled in to complete the letter.
- the second page shows the letter and a tactile graphic depiction of an easy-to-find object that begins with that letter. The object is depicted in a tactile graphic format, allowing the student to color it in.

Attached to the inside front cover is a plastic stencil of the jumbo cell. This can be folded over the blank pages, allowing the student to practice the braille cell configuration for that letter by tracing or by using the accompanying foam braille chips.

Accompanying the book are suggested enrichment exercises for each letter, allowing a child to fully associate the braille letter, the tactile graphic, and the object.

***Lots of Dots: Learning My ABC's:* 1-10000-00.....$24.00**

Core Curriculum:

English and Language Arts

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Expanded Dolch Word Cards 30

English and Language Arts Related Products

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Card Chart Kit 69
Patterns: Braille Spelling and English Program 81

Brain Quest

APH has published four large type/braille editions of the popular Workman Publishing quiz game series *Brain Quest®: 1000 Questions and Answers.*

Recommended ages: 9 years and up.

American History
6-17001-00.....$65.00

Geography
6-17003-00.....$65.00

English
6-17002-00.....$65.00

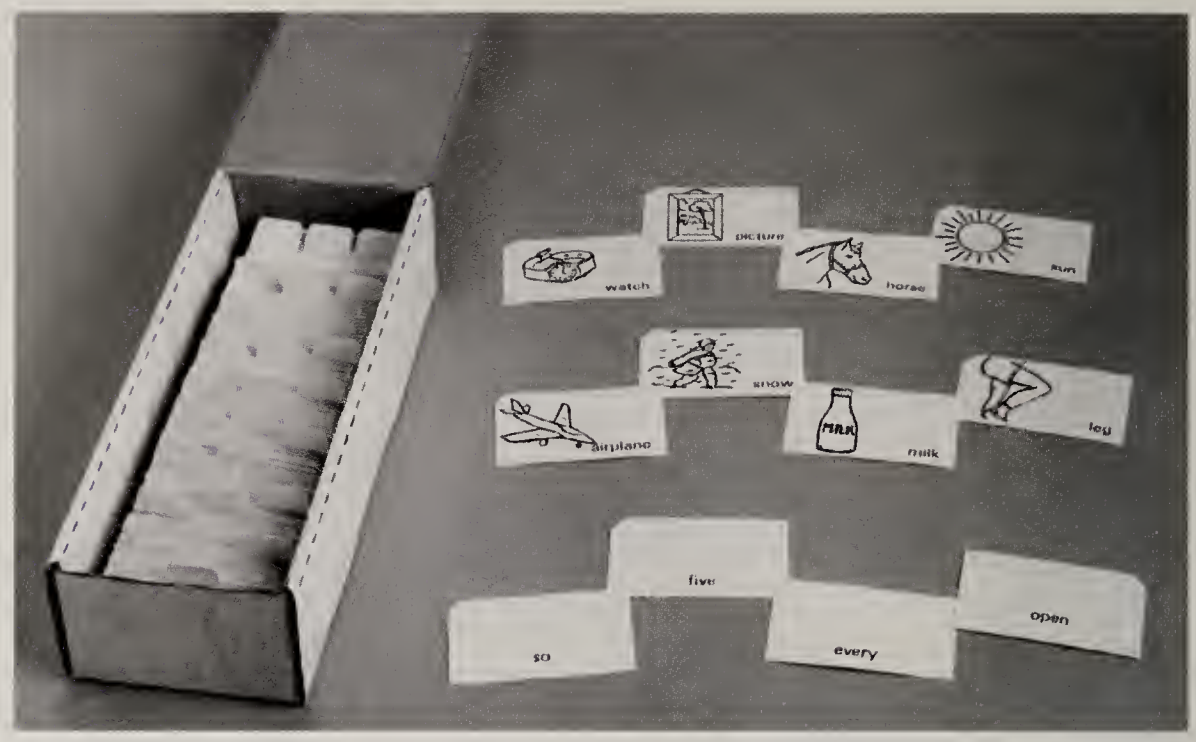
Science
6-17000-00.....$65.00

Score Card Set

Score Card Set consists of two reusable, brightly colored, tactile and audible plastic score keeping devices.

Score Card Set:
1-17001-00.....$10.25

Expanded Dolch Word Cards



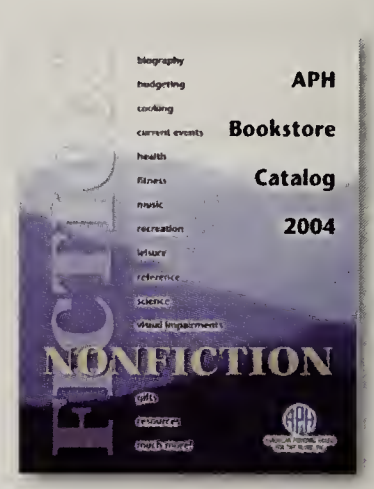
These flashcards, consisting of 220 sight vocabulary words and 95 words with pictures, can be used for reading practice or an informal assessment of a student's ability to read words in contracted braille and to spell words in uncontracted braille.

Cards measure 3 1/2 x 2 inches, with an orientation corner cut. Words are shown in contracted braille on one side and uncontracted braille on the other, with large print on both sides. Picture word cards contain a picture corresponding to the word. 30 blank cards allow for adding words. Indexing tabs and storage box included. Recommended ages: 5+

Expanded Dolch Word Cards: 1-03560-00.....$20.00

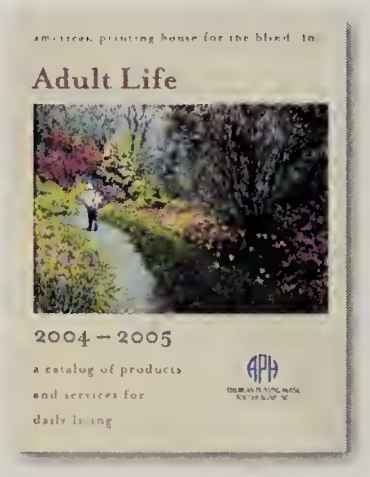
***Note**: Can be used with the Card Chart found on page 69.*

Six Different APH Catalogs Available!



The American Printing House for the Blind offers six different catalogs to help meet your educational and daily living needs.

- *Products Catalog* – our complete line of products
- *Family Life Catalog* – products for families with visually impaired children
- *Adult Life Catalog* – products for everyday living
- *New Textbooks in Braille and Large Print*
- *APH Bookstore Catalog*
- *APH Demo Disc* – CD-ROM containing accessible editions of the above catalogs plus software demos



Each catalog is available in print and one or more accessible media.

Catalogs are available over the web at www.aph.org or by calling 1-800-223-1839.

Core Curriculum:

Mathematics

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Money Handling & Budgeting 142
Nemeth Code Reference Sheet for Basic Mathematics 89
Score Card Set 150
Tactile Demonstration Thermometer 44
Tactile Treasures 19
Take Away Game 150
Tangible Graphs 85
Ten Spot Game 150

These inexpensive rulers can be used in a wide variety of testing or classroom activities!

Large Print/Braille Toss-Away Ruler

This ruler, with markings in both large print and braille, is designed to be used in the classroom or in testing and assessment situations where an inexpensive user-friendly measuring device is needed. These 7-inch rulers are marked with centimeters and inches and printed/embossed on heavy paper with high contrast numbers. They are packaged in sets of 24 and come in 3 assorted bright colors.

Large Print/Braille Toss-Away Ruler (24-Pack): 1-03010-00.....$10.00

These rulers are also available in a version with large print only.

Large Print Toss-Away Ruler (24-Pack): 1-03011-00.....$6.00

Note: *The large print/braille version of this ruler is included with the Brigance Diagnostic Inventory of Basic Skills (Green), Revised, 1999, Student Braille Edition, on pages 4-5.*

Please be sure to have a look at our other rulers and measuring devices on page 42!

Shop APH

U.S. Customers Can Order On-line! www.aph.org

And non-U.S. Customers can generate an electronic pro forma invoice automatically!

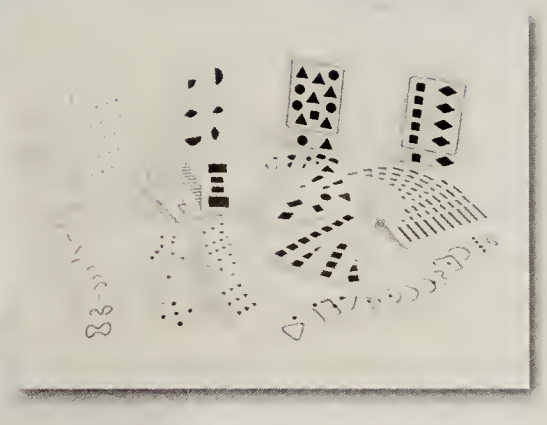
FOCUS in Mathematics

Activity-based program emphasizes the fundamental operations, properties, and structures of math. Includes over 400 manipulative items, designed to be easily handled and to offer tactile and visual contrast. Concepts include:

- Sorting, matching, counting
- Addition and subtraction
- Fractions
- Graphs
- Time and money, etc.

Includes an Academic Program (general use) manual. Special manuals are available separately with activities for deafblind or multihandicapped students.

Recommended ages: 4 years and older.



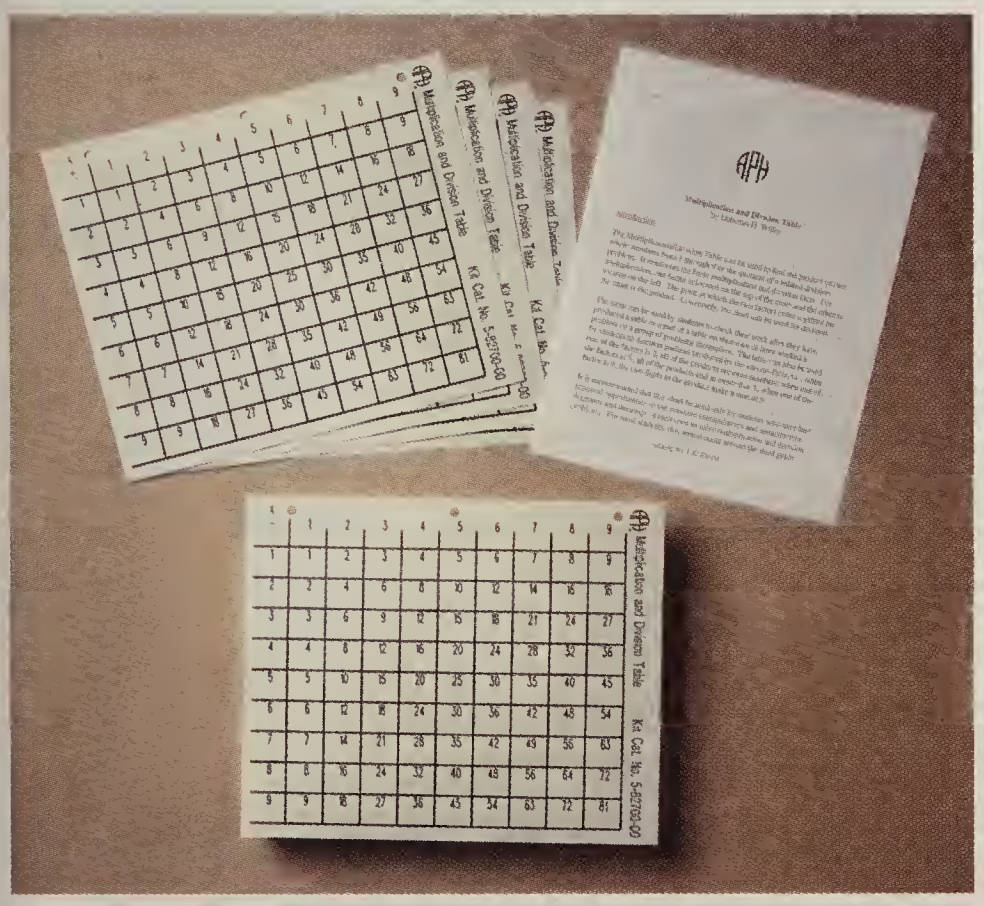
Note: Kit contents may vary from those pictured.

FOCUS Academic Program Complete Kit: 1-08280-00.....$380.00

Replacement Academic manual (already included in complete kit): 7-42700-00.....$28.00

Deafblind manual (NOT included in complete kit): 7-42710-00.....$50.00

Multihandicapped manual (NOT included in kit): 7-42720-00.....$50.00



Multiplication and Division Table

A large print / braille tool to help math students with multiplication and division problems. The grid can be used to find the product of two whole numbers from 1 through 9 or the quotient of a related division problem.

The chart is printed / embossed on heavy braille paper and is punched for a 3-ring binder. Comes with five charts and an instruction booklet.

5-82700-00.....$25.00

Instruction Booklet only: 7-82700-00.....$5.00

Orion TI-34 Talking Scientific Calculator

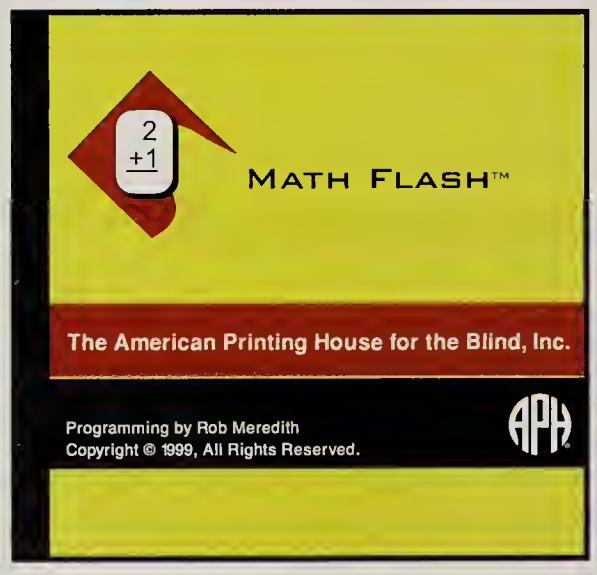
Specially designed by Orbit Research®, based on the popular TI-34 from Texas Instruments®.

- Over 95 scientific functions
- High-quality speech with quiet or loud settings
- Learning mode for key identification without interrupting operation
- Large, functionally zoned keys
- Rechargeable battery with 6 hour life
- Sliding plastic cover
- Included: earphone, AC adapter
- Manual on cassette and PC-formatted floppy disk
- Dimensions: 5.8 x 2.9 x 1.5 inches; Weight: 11 oz.
- One year limited warranty

Recommended ages: Basic calculator functions can be used by students 10 years and up.

Orion TI-34 Talking Calculator: 1-07335-00.....$199.00

Note: Not available for purchase with Federal Quota Funds.



Math Flash™

Software helps elementary students sharpen math skills with talking electronic flash cards. This self-voicing program uses the computer's sound card to communicate instructions, drills, practice sessions, and games.

Students can select their favorite fun Math Mentor character. Teachers can modify the number of problems, degree of difficulty, and insert custom problems.

Recommended ages: 6 years and up.

Requirements to Run

PC running at least *Windows 95®, Windows 98, or Windows NT;*

Internet Explorer® 4.01 or later;

16 megabytes of RAM;

15 to 25 megabytes hard disk space;

CD-ROM drive;

Sound card and speakers.

Math Flash

CD-ROM: D-19910-00.....$24.00

Electronic Dist.: D-19910-ED.....$24.00

Note: Find detailed software purchasing instructions in the "How to Order" section. Download APH Software Demos: www.aph.org/tech

Digital Clock Model

Demonstrate how a digital clock works with this durable teaching tool. Has numbers in large print and literary braille on three manually adjustable wheels (hour, ten minute, and minute). Housed in a black plastic case with non-skid rubber feet. (This is a model only and has no motor.)

- Teach basic time concepts
- Contrast digital and analog clocks
- Introduce travel schedules or explain digital time/distance tracking devices

1-03126-00.....$26.00

Analog Clock Model

Helps teach about time-telling concepts. Has braille and raised large print markings and hands that are easily rotated. The hands are synchronized like those of an actual clock (the Model has no motor).

Recommended ages: 6 to 10 years.

1-03125-00.....$16.00

Clock Face Sheets in Braille

Each sheet contains four embossed braille clock faces. Hands can be added to these blank clock faces. Embossed on manila transcribing paper measuring 11 1/2 x 11 inches. 3-hole punched. 25 per package.

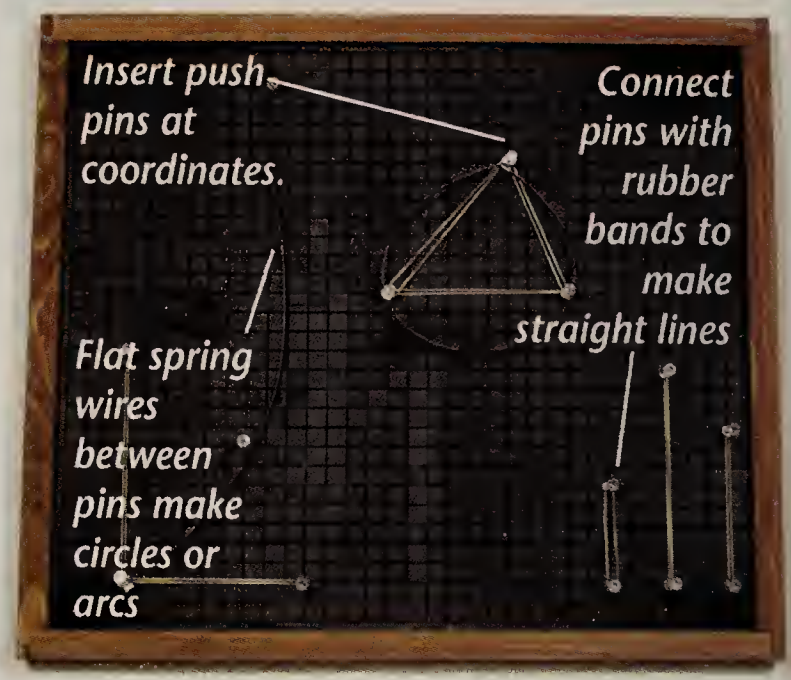
Recommended ages: 6 to 10 years.

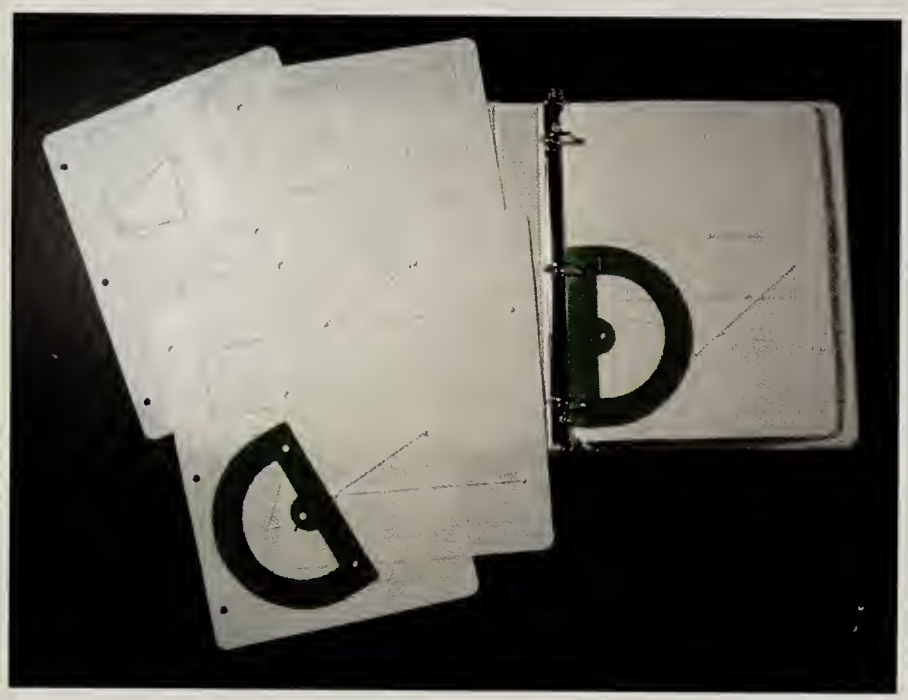
1-03111-00.....$10.00

Graphic Aid for Mathematics

Construct geometric and other figures and graphs related to arithmetic, algebra, geometry, trigonometry, and calculus.

Consists of a cork board mounted with a rubber mat embossed with a 34 x 30 grid of 1/2 inch squares. Included are three flat spring wires, 14 push pins, and rubber bands. Recommended ages: 8 years and older.
1-00460-00.....$121.00





Geometry Tactile Graphics Kit

Set of thermoformed raised-line drawings depicting geometry concepts, figures, and relationships. Graphics are larger and easier for students to measure than those in braille textbooks.

Kit includes 26 white plastic thermoform sheets measuring 8 1/2 x 11 inches. 52 drawings total. Includes two specially adapted protractors, a teacher's guide in print and braille, and a storage binder.

Recommended ages: 12 years and older.

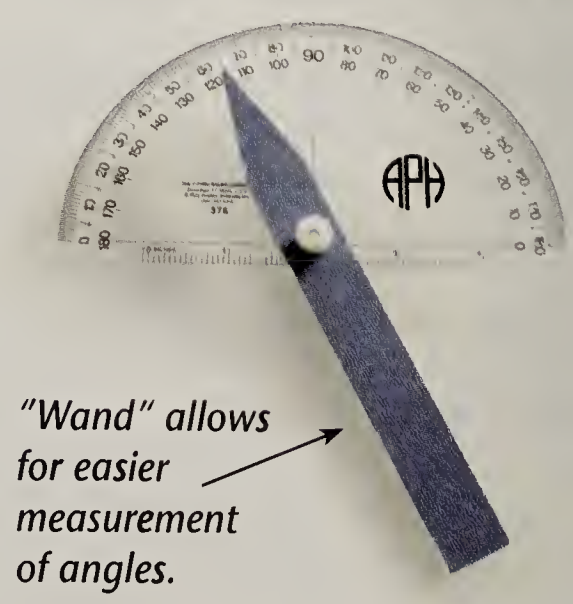
1-08841-00.....$55.00

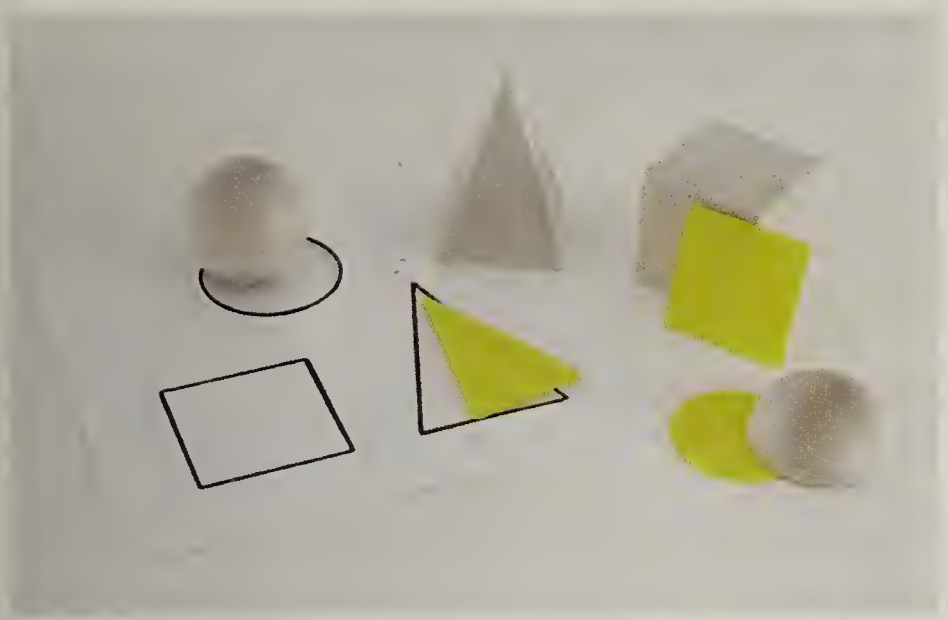
Braille / Print Protractor

Bold large type numbers and raised dots mark the degrees along the half circle of this 180 degree protractor.

An unusual feature is the "wand." This long, flat piece is pointed at one end and anchored on a pivot at the center of the protractor. When the pointed end is aligned with a certain degree measurement, the corresponding angle is created by the wand and the bottom edge of the protractor. Includes print and braille instructions.

1-04115-00.....$9.50





Geometric Forms

Introduces students to the circle, square, and triangle. Kit includes three plane figures, four solid figures, and a white plastic sheet illustrating the three shapes in black, raised lines.

Recommended ages: 5 years and older.

1-03410-00.....$38.00

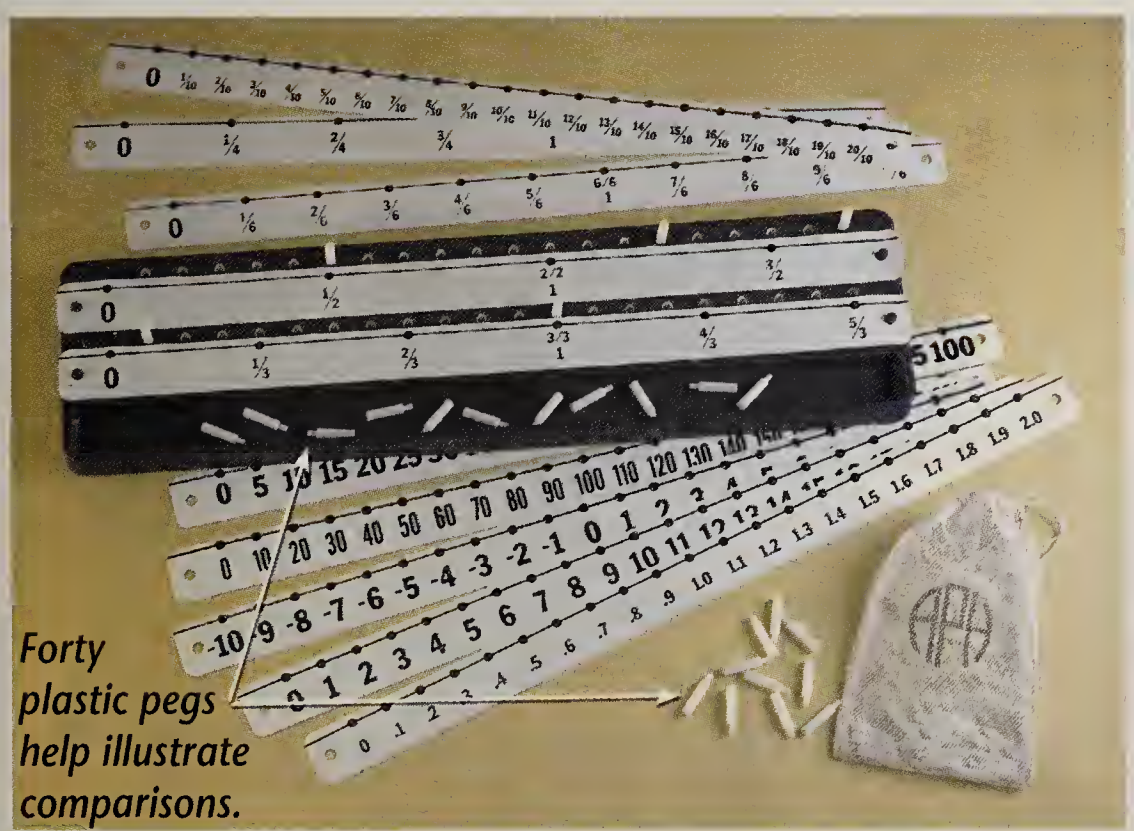
Fractional Parts of Wholes Set

Tactile circles introduce the concepts of wholes, halves, thirds, and fourths. This set contains:

- One work tray
- Three form boards
- Four 3-inch diameter circles, one whole and the others cut into halves, thirds, and fourths

Recommended ages: 5 years and older.

1-03290-00.....$42.00



Forty plastic pegs help illustrate comparisons.

10 interchangeable number lines with black raised lines and varying dot intervals numbered in braille and large type.

APH Number Line Device

Supplemental device bridges the gap between concrete representations and abstract concepts of numbers.

Base holds two number lines for comparison (e.g., tens and fourths). Instructions in regular type.

Recommended ages: 5 years and older.

1-03480-00.....$79.00

Brannan Cubarithm Slate and Cubes

Young students may find it easier to use this device rather than a brailler to align problems such as multiplication.

A rubber frame with a 16 x 16 grid pattern of nests will hold small plastic cubes numbered 0 through 9 in braille (no print). Each cube represents one digit. Frame and cubes are sold separately.

Recommended ages: 6 years and older.

Cubarithm Slate 1-00320-00.....$19.00

Plastic Cubes (Set of 100)
1-00330-00.....$17.00

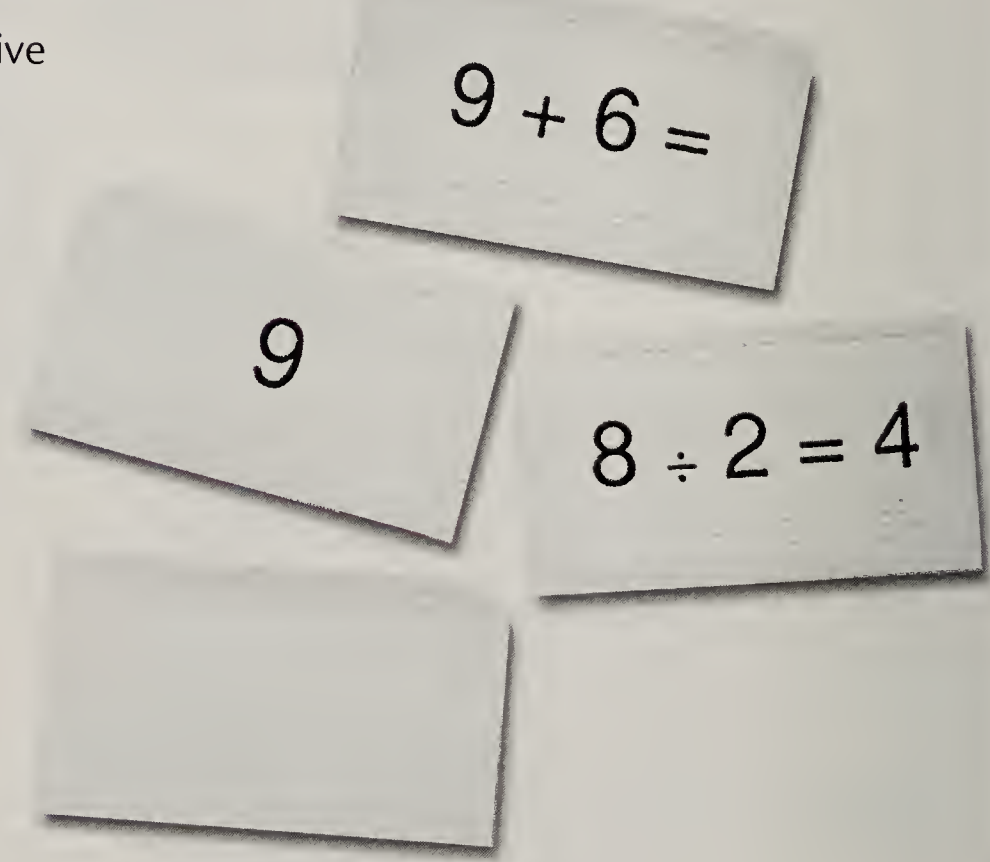
Math Drill Cards in Braille and Large Type

Handy math skill reinforcing cards. Sold as five separate sets.

The cards in the Number and Math Sign set have a math sign or number sign in braille on one side and in large type and braille on the other side. Large type/braille math operations cards have a math fact on one side and the fact with the answer on the other side. Braille on cards is Nemeth Braille Code for Mathematics.

Cards measure 3 1/2 x 2 inches. On low-glare paper with black printing and an orientation corner cut.

Recommended ages: 5 to 10 years.



Number & Math Sign Cards:
1-03551-00.....$5.00

Addition Cards: 1-03552-00.....$5.00

Subtraction Cards: 1-03553-00.....$5.00

Multiplication Cards:
1-03554-00.....$5.00

Division Cards: 1-03555-00.....$5.00

Note: Some assembly required. Storage box not included. These cards can be used with APH's Card Chart on page 69.

Hundreds Boards and Manipulatives

These two boards and included manipulative items can be used to help teach basic math concepts. Includes two desk-sized boards made of heavy-duty plastic.

The Grid Board has a raised-line, 10 x 10 grid outlined in black. Grid is blank and manipulatives can be attached to it.

The Number Board also has a raised-line 10 x 10 grid outlined in black. This grid is preprinted with the numbers 1 through 100 in large type and in Nemeth Braille. This board acts as a reference to check work placed on the Grid Board and can be used for concept demonstration.

Included are hundreds of manipulative pieces made of tough plastic and backed with loop material for attaching to the Grid Board. There are two kinds of manipulatives, numbers (1 through 100) and four colored shapes.

Uses include:

- Patterning
- Counting
- Ordering numbers
- Comparing numbers
- Addition, subtraction, and multiplication
- Graphing data
- Using cardinal directions

Recommended ages: 5 to 10 years.

Hundreds Boards and Manipulatives:
1-03105-00.....$114.00

Note: Some assembly required.

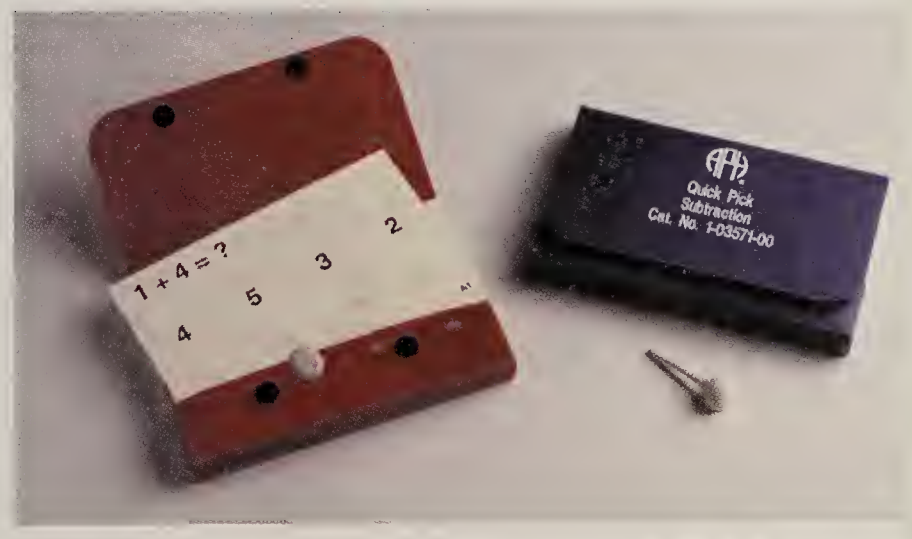
Numbers only: 1-03105-01.....$13.00

Quick Pick: Math

Math game consisting of a plastic packet containing fifty large print/braille cards. The front and back of each card contains a math question and four possible answers. To play, the student inserts the included tool in one of four holes in the front of the plastic packet. If the answer is correct, the card will slide out. If the answer is incorrect, the card will not pull out, and the student should try again.

Recommended ages: 5 years and up.

Quick Pick Math:
Addition: 1-03570-00.....$25.00
Subtraction: 1-03571-00.....$25.00
Multiplication: 1-03572-00.....$25.00
Division: 1-03573-00.....$25.00



Cranmer Abacus

13-rod abacus. Frame measures 6 1/8 x 3 1/4 inches. White beads have a diameter of 3/8 inch. Dark felt backing prevents beads from slipping.

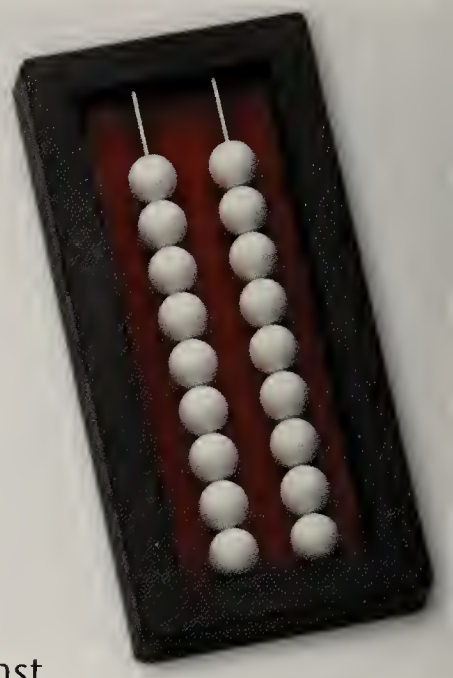
An optional metal coupler is available for linking two abacuses together.

Recommended ages: 5 years and older.

Cranmer Abacus: 1-03150-00.....$19.50

Coupler for Cranmer Abacus 1-03160-00.....$6.00

Beginner's Abacus



A counting frame for reinforcing beginning mathematical concepts such as one-to-one correspondence, counting, place value, addition and subtraction. Introduces basic abacus terms such as "set" and "clear."

Consists of a black rectangular frame with 2 rods. Rods have 9 large white beads that slide against a dark felt backing. Frame measures 2 1/2 x 5 1/2 x 1.

Print guidebook included. Braille guidebook available separately.

Recommended ages: 5 to 7 years.

Beginner's Abacus (includes print guidebook): 1-03180-00.....$24.00

***Beginner's Abacus Guidebook,* Print Edition: 7-03180-00.....$12.00**

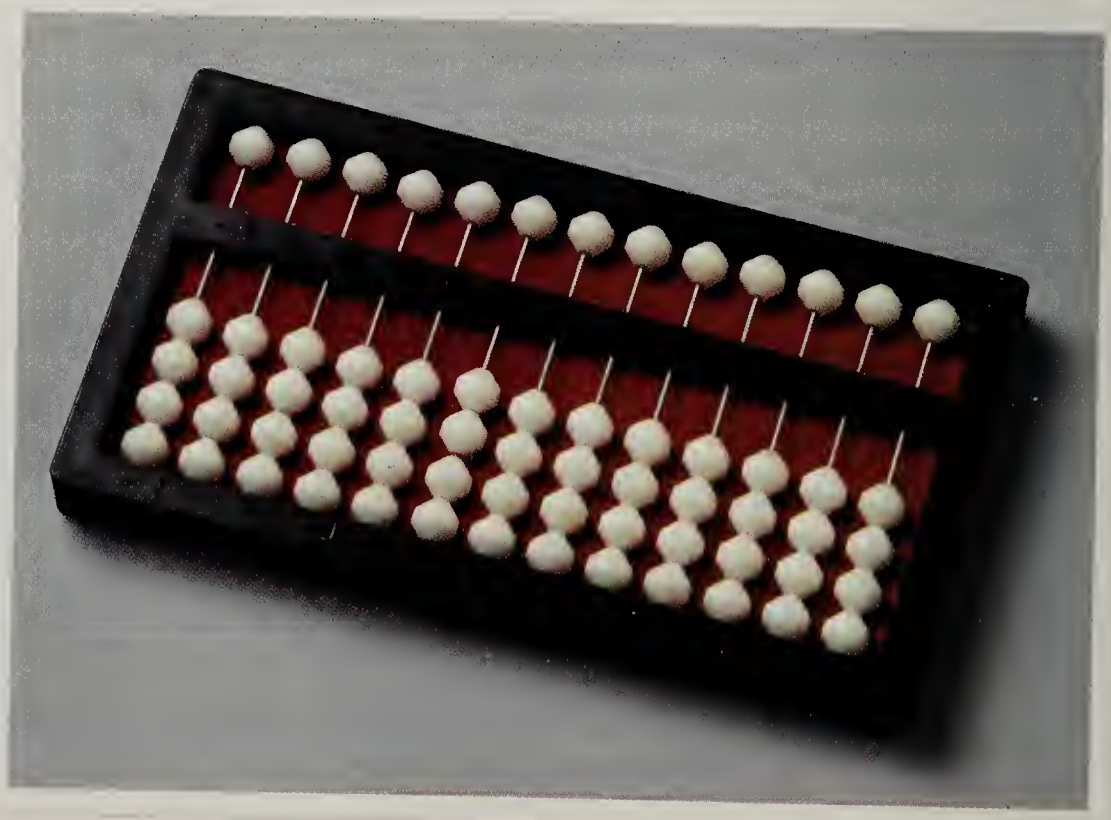
***Beginner's Abacus Guidebook,* Braille Edition: 5-03180-00.....$8.00**

Large Abacus

Young students and those without fine motor skills can benefit from this large 13-rod abacus. Frame measures 8 1/4 x 4 1/2 inches and the bead diameter is 1/2 inch. White beads slide against a dark felt backing.

Recommended ages: 5 years and older.

1-03170-00.....$22.50



Hands-On Experience with the Cranmer Abacus

These two VHS videotapes and accompanying booklet are designed to familiarize you with basic uses of the Cranmer Abacus.

The concepts and skills covered include how numbers are represented and how to perform the four basic math functions on the abacus.

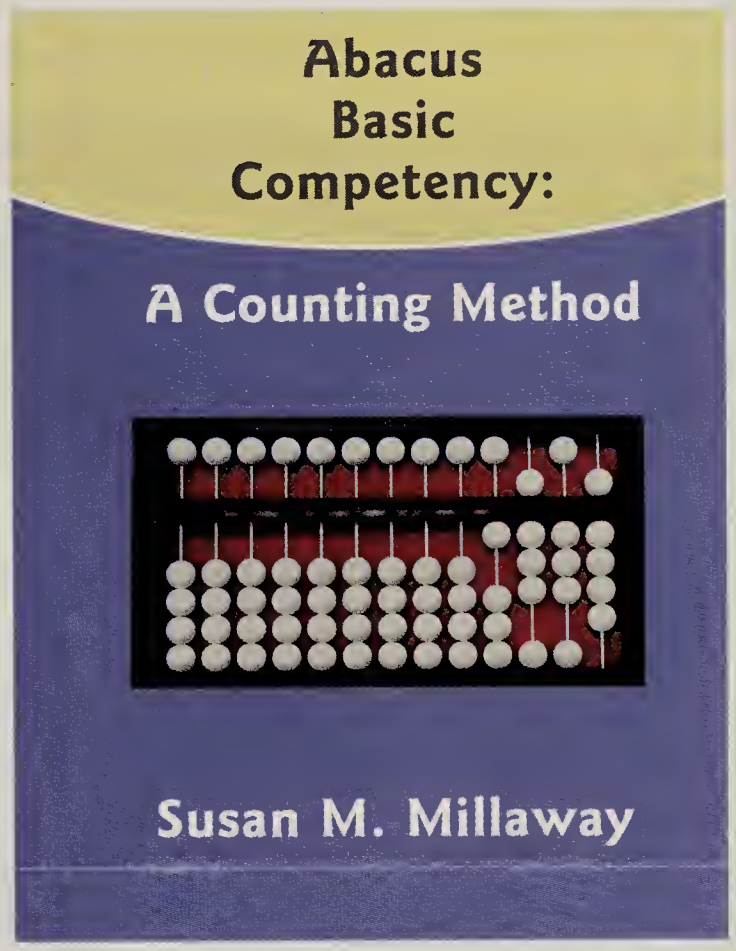
1-30004-00.....$25.00

Abacus Basic Competency: A Counting Method

An instruction manual to teach children and adults abacus skills in the four basic math operations through instruction and exercises.

This abacus instructional system uses the Counting Method instead of the traditional indirect method. Advantages include:

- Simple method comparable to the way young sighted children count and add by counting things one at a time, as in counting on fingers or time lines.
- Minimum number of rules must be learned in order to arrive at an answer to a mathematical problem.
- Speed in using the abacus is not lessened with this method. Accuracy is increased, frustration is eliminated.



Abacus Basic Competency:
Large Print Edition: 7-00219-00.....$17.50
Braille Edition: 5-00219-00.....$18.00

Other Abacus Books

The Abacus Made Easy:
Braille Ed.: 5-00220-00.....$52.00
Large Type Ed.: 4-00100-00.....$18.00

Using the Cranmer Abacus for the Blind:
Braille Edition: 6-50100-00.....$45.00
Large Type Ed.: 4-27110-00.....$28.00

1-Foot Braille Rulers

Plastic rulers taper on the edge. A metal caliper slide to aid in accuracy is included (also available separately). Recommended ages: 5 years and above. Two versions are offered:

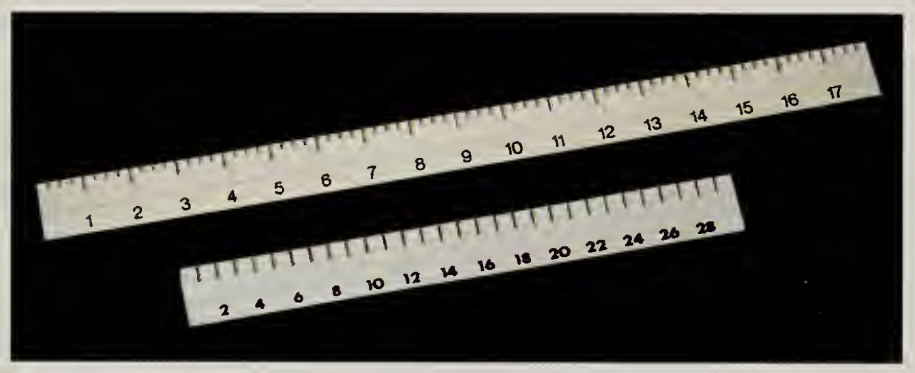
Metric-English Measurement Ruler: Metric edge has raised lines every half-centimeter and braille numbers every two centimeters. Opposite English edge has raised lines every 1/4 inch and braille numbers at each inch.

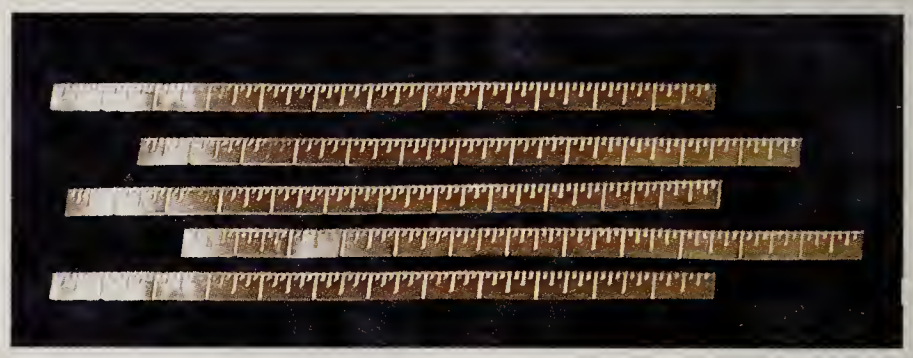
Metric-English Ruler: 1-03100-00.....$7.00

English Measurement Ruler: Has raised lines. Braille numbers at each inch. Fourths on one edge, eighths on the other.

English Ruler: 1-03070-00.....$6.50

Caliper Slide for Either Ruler (package of five): 1-03091-00.....$13.00





Flexible Rulers (Braille/Large Type)

These flexible rulers allow tactual and visual measurement of flat or curved surfaces. Recommended ages: 5 years and older. Two are offered:

18-Inch Flexible Ruler (package of five). 1-03050-00.....$10.00

30-Centimeter Flexible Ruler: (package of five). 1-03031-00.....$8.50

APH Glue-Down Rule (Raised-Line)

Brass rule, one foot long x 1/2 inch wide, that you can bond to sewing machines, band saws, drawing boards, etc. Raised lines indicate divisions to 1/8 inch.

Recommended ages: 8 years and older. Package of five.

1-03081-00.....$24.00

Meterstick (Braille)

Plastic, drilled for hanging, with raised lines every centimeter, and braille every other centimeter; thick raised lines for decimeters.

Recommended ages: 5 years and older.

1-03000-00.....$12.00

Core Curriculum:

Science and Health

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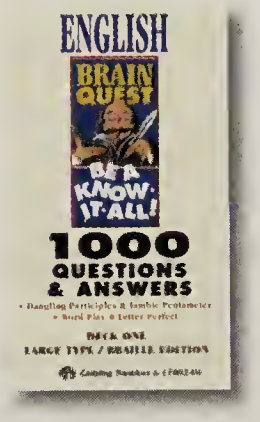
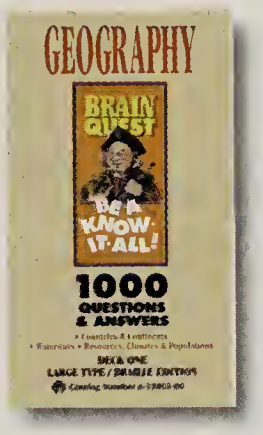
Brain Quest

APH has published four large type/braille editions of the popular Workman Publishing quiz game series *Brain Quest®: 1000 Questions and Answers.*

Recommended ages: 9+





***Brain Quest*: Large Type/ Braille Editions**

American History
6-17001-00.....$65.00

English
6-17002-00.....$65.00

Geography
6-17003-00.....$65.00

Science
6-17000-00.....$65.00

Score Card Set

Score Card Set consists of two reusable, brightly colored, tactile and audible plastic score keeping devices.

Score Card Set:
1-17001-00.....$10.25

Sense of Science: Plants

Great for all students!

Mini-Lite Box sold separately.

Sense of Science: Plants is the first module of a planned science series for visually impaired students in grades K-3, and for other students who may benefit from a multisensory approach to learning.

Includes:

- A large print guidebook (braille edition available separately) with activities to teach basic plant concepts. Activities use real objects and the included colorful, raised-line overlays.
- Overlays include bean seed cross-section, flower, leaf, tree, etc. Use with either the APH Light Box or Mini-Lite Box, or stand alone.
- Two accompanying trays designed to fit under a light box ledge and provide a secure working area for the overlays.

Recommended ages: 5 to 10 years.

Sense of Science: Plants (complete kit): 1-08980-00.....$110.00

Print Guidebook only: 7-08980-00.....$30.00

Braille Guidebook only: 5-08980-00.....$21.00

Related Products
Light Box: 1-08660-00.....$366.00
Mini-Lite Box: 1-08661-00.....$160.00

"Mercury column" slides up and down to demonstrate temperature reading.

Tactile Demonstration Thermometer

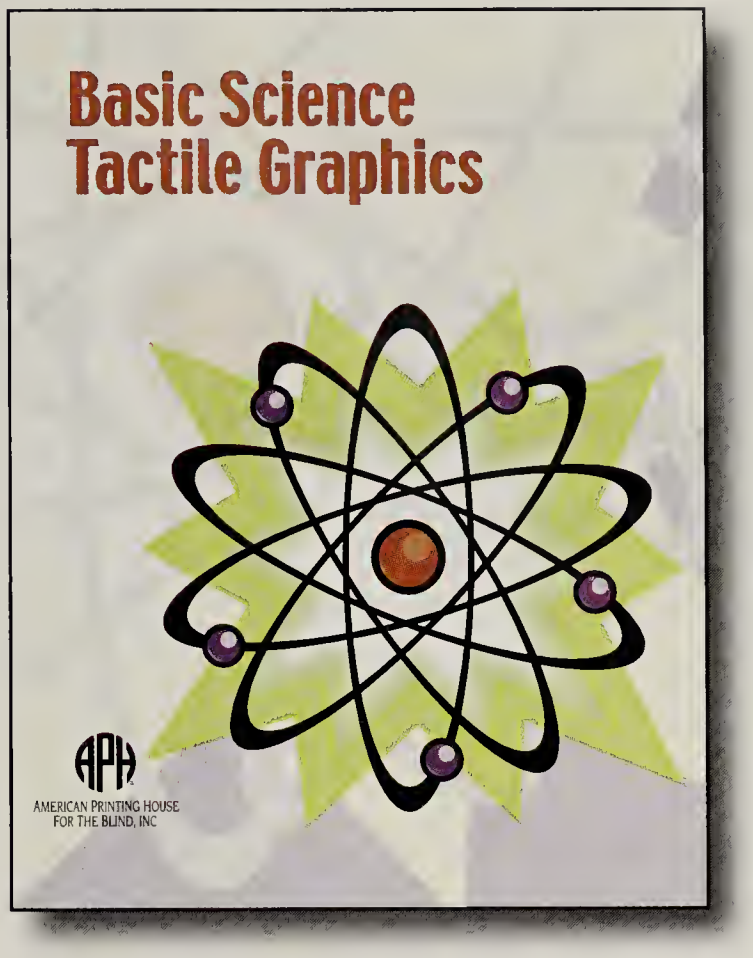
Allows students to independently read, set, and compare temperatures.

- A two-textured, two-colored adjustable "mercury column" with an easy-grip tactile indicator
- Comparable Fahrenheit and Celsius scales presented in both large print and braille
- Tactile degree markings every 5 and 10 degrees

Recommended ages:
Basic thermometer activities can begin at age 6.

Tactile Demonstration Thermometer 1-03020-00.....$41.00

Basic Science Tactile Graphics



Basic Science Tactile Graphics are vacuum-formed raised-line drawings depicting objects, concepts, and relationships that are covered in nearly all elementary science textbooks. They are intended to supplement, not replace, the graphics in a student's adapted textbook.

Instructional hints and suggestions are given for each tactile drawing in the set.

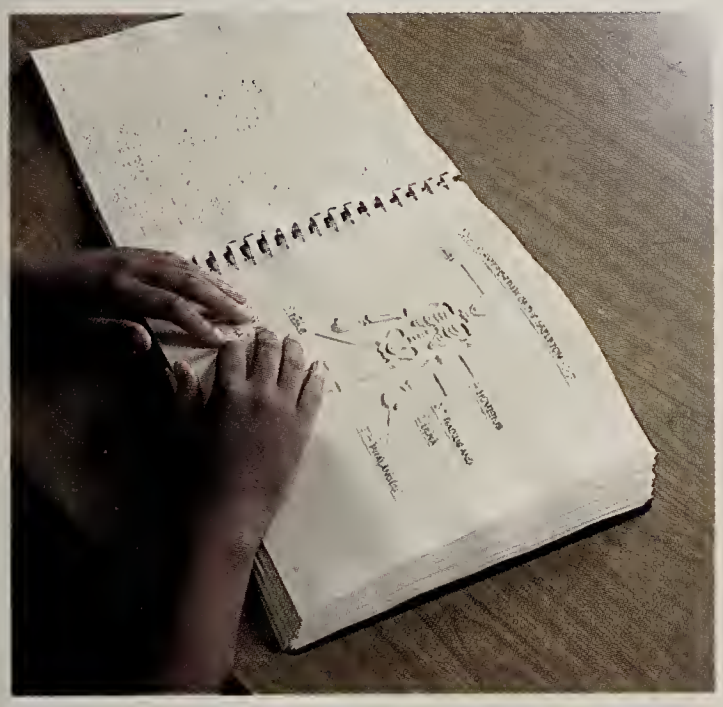
Includes 52 graphics, such as:

- Insect
- Blood Flow from Artery to Vein
- Sound Frequencies
- Volcano Formation (Cutaway View)
- Water Molecule
- Forces Acting on Airplane in Flight

Basic Science Tactile Graphics Kit: 1-08850-00.....$58.00

Replacement Large Print Guidebook: 7-08850-00.....$7.00

Optional Braille Guidebook: 5-08850-00.....$12.50



Basic Tactile Anatomy Atlas

This two-volume set of thermoformed tactile graphics gives a comprehensive overview of the body. Includes the skeletal, muscular, nervous, and endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary, and reproductive systems.

Each tactual diagram has braille and print labels accompanied by a brief braille description. A print version of each brailled text is contained in the included Instructional Text.

Recommended Ages: 12 and up.

Basic Tactile Anatomy Atlas:
1-08845-00.....$114.00

Replacement Instructional Text (regular print): 7-08845-00.....$30.00

Core Curriculum:

Social Studies: History, Geography, and Economics

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The Globe: Tactile & Visual 47
Maps Represent Real Places: Map Study I . . 49
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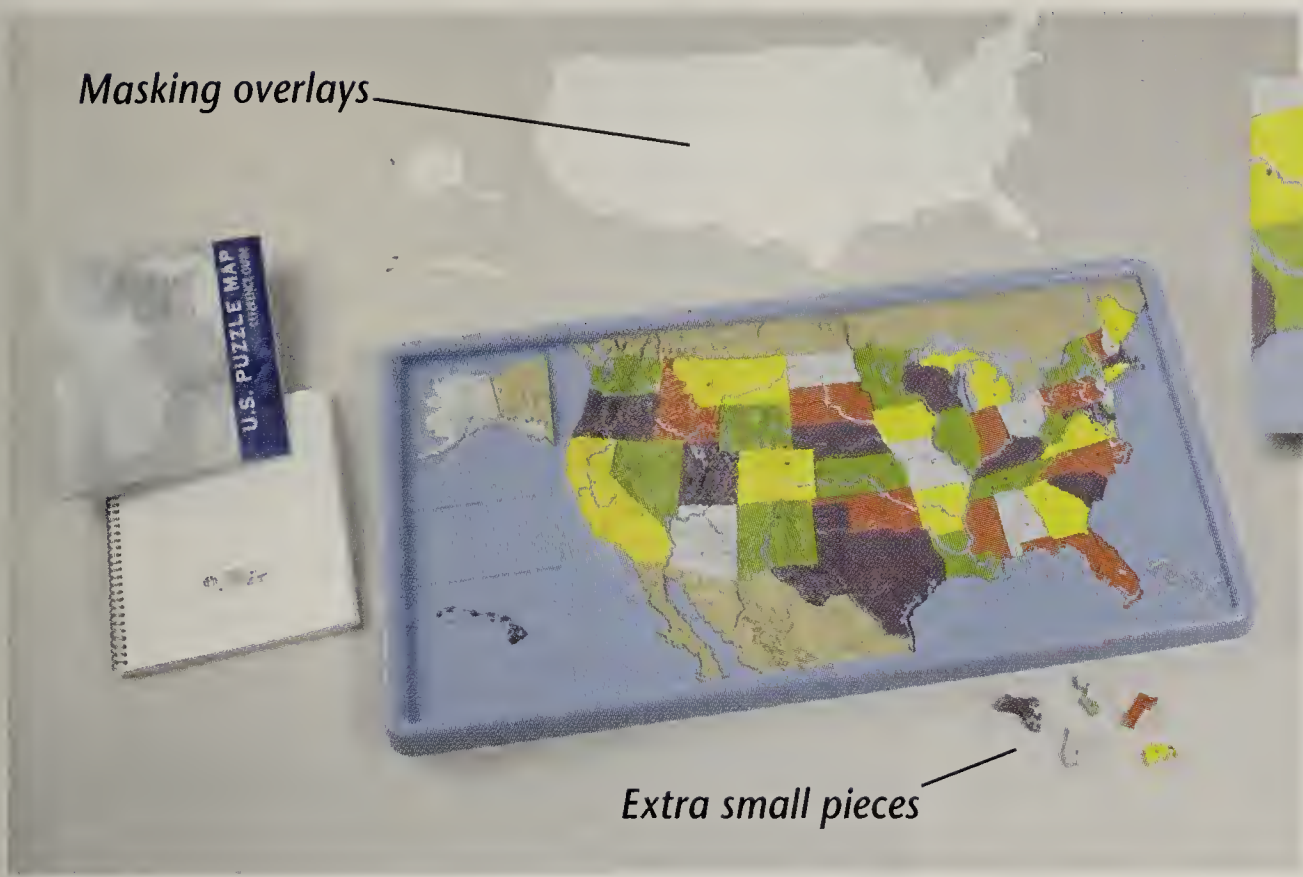
Shop APH

U.S. Customers Can Order On-line! www.aph.org

And non-U.S. Customers can generate an electronic pro forma invoice automatically!



This large, colorful, and tactile U.S. Puzzle Map makes learning fun!

U.S. Puzzle Map

This take-apart political / topographical map of the United States has many features to help make learning fun for all students:

- U.S. states puzzle pieces in bright, contrasting colors.
- Tactile mountains, rivers, and state capitals.
- Lightweight frame with incised state boundaries and state abbreviations in braille, plus latitude/longitude lines. Frame also has finger holes for easy removal of pieces. Frame measures 32 1/2 x 18 inches.
- Masking overlays for assessment purposes.
- Large print and braille reference guides included.

Recommended ages: 7 years and up.

U.S. Puzzle Map (with one large print and one braille guide):
1-01140-00.....$270.00

Replacement Reference Guides:
Large Print: 7-01140-00.....$19.00
Braille: 5-01140-00.....$19.00

The Globe: Tactile and Visual

This table model is a standard 12-inch political globe covered with a tactile clear plastic overlay. Among the overlay's features are continent outlines, higher and lower elevations, and raised latitude and longitude lines. Metal stand with a wood base.

Recommended ages: 10 years and older.

1-01551-00.....$54.00

Relief Map for Desk Use

Relief map of the continental U.S. with elevations that are exaggerated 20 times. Ocean floors are incised with latitude and longitude lines. This plastic map uses high-contrast paint to depict water areas as blue and land surfaces as yellow and brown. Measures 21 1/4 x 15 1/4 inches.

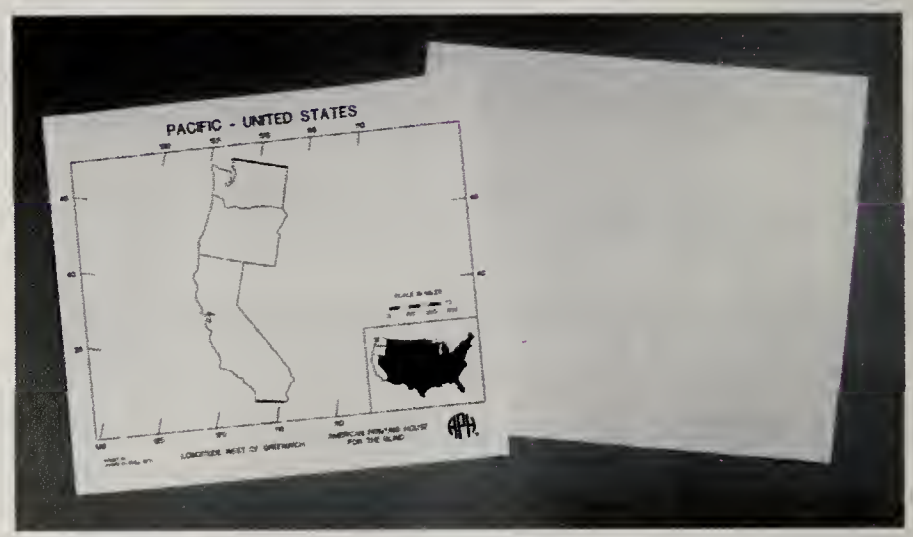
1-01650-00.....$25.00

Outline Maps of the United States in Braille and Large Type

These braille and large type maps are consumable, allowing teachers to mark them for specific lessons. We have ten different maps in each medium, all on 17 x 15 inch paper.

Braille maps are embossed on 80 lb. braille paper. Large type maps are printed in black ink on nonglare paper. Buy a set containing one each of 10 maps or choose packages with 10 copies of a single map.

Recommended ages: 6 years and older.



Braille and large type U.S. maps are the same scale in relation to each other.

Complete Set (one each of the 10 different maps):
Braille 1-01600-00.....$3.50
Large Type 1-01890-00.....$3.50

Forty-Eight Contiguous States (10 copies): Braille 1-01601-00.....$3.50
Large Type 1-01891-00.....$3.50

Northeast U.S. (10):
Braille 1-01602-00.....$3.50
Large Type 1-01892-00.....$3.50

Southeast U.S. (10):
Braille 1-01603-00.....$3.50
Large Type 1-01893-00.....$3.50

Midwest U.S. (10):
Braille 1-01604-00.....$3.50
Large Type 1-01894-00.....$3.50

Southwest U.S. (10):
Braille 1-01605-00.....$3.50
Large Type: 1-01895-00.....$3.50

Mountain U.S. (10):
Braille 1-01606-00.....$3.50
Large Type 1-01896-00.....$3.50

Pacific U.S. (10):
Braille 1-01607-00.....$3.50
Large Type 1-01897-00.....$3.50

Alaska (10):
Braille 1-01608-00.....$3.50
Large Type 1-01898-00.....$3.50

Hawaii (10):
Braille 1-01609-00.....$3.50
Large Type 1-01899-00.....$3.50

North America and Hawaii (10):
Braille 1-01611-00.....$3.50
Large Type 1-01901-00.....$3.50

National Geographic® Picture Atlas of Our Fifty States, Braille Edition

Comprehensive braille/tactile atlas has detailed maps and information for each state. Three maps of each state:

- Political map of major cities
- Physical map showing mountains, rivers, etc.
- Road map of interstate and highway routes

Recommended ages: 6 years and up.

5-87431-00.....$250.00

Braille World Atlas

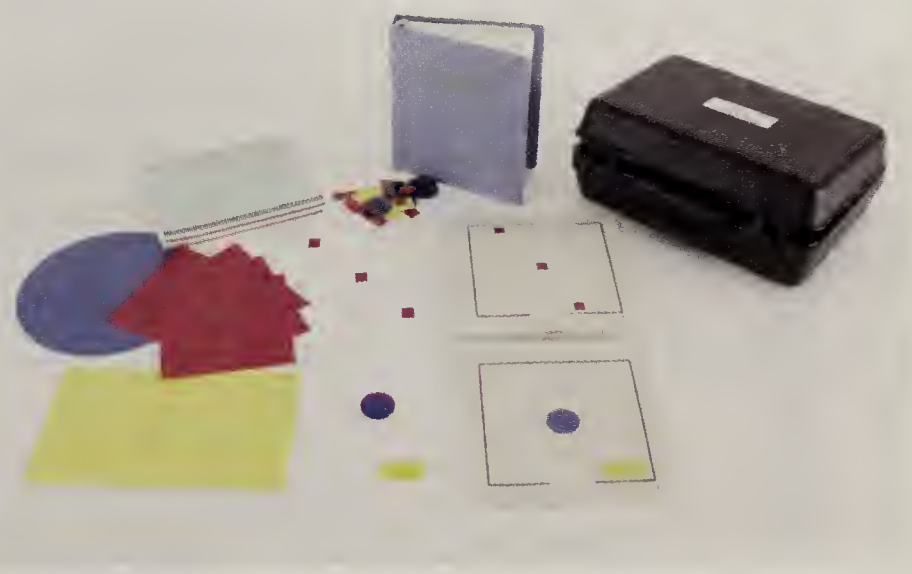
This braille / tactile atlas has 37 maps with descriptions, including the solar system; the seasons; continents; oceans; countries; and the regions and states of the United States.

Recommended ages: 8 years to adult.

5-06000-00.....$42.00

Maps Represent Real Places: Map Study I

Map a classroom to learn map concepts.



Introduces basic map concepts by having students map a classroom and other known environments. Students learn to find objects and to identify map symbols representing those objects. Includes:

- 80-lesson program in print
- Tactile, high contrast color maps of various room arrangements, and sheets for student mapping
- Large, bright symbols to place on objects in a room, and identical, smaller symbols for maps

Recommended ages: 6 years and older.

Map Study I: 1-01130-00.....$153.00

Basic Map Reading Concepts: Map Study II

Presents 30 map reading concepts in three areas: location and direction; finding corners; and diagonal, vertical, and horizontal movement.

Includes 13 sequential lesson plans in print and three plastic relief maps with contrasting colors designed to introduce areal, linear, and point symbols.

Recommended ages: 6 years and older.

1-01120-00.....$92.00

Recognizing Landforms: An Audio-Tutorial Program in Map Study

Includes student audio tapes and a teacher's manual and program manual in print.

Program uses fun characters on cassette tape to introduce 40 geographical concepts, such as distinguishing mountains from valleys, channels from bays, etc.

Includes 10 brightly colored tactile landforms; six 2-track, 1 7/8 ips cassette tapes; and teacher's and program manuals in print.

Recommended ages: 6 years and older.

1-01110-00.....$150.00

Shop APH

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And non-U.S. Customers can generate an electronic pro forma invoice automatically!

Brain Quest

APH has published four large type/braille editions of the popular Workman Publishing quiz game series *Brain Quest®: 1000 Questions and Answers.*

Recommended ages:
9 years and up.

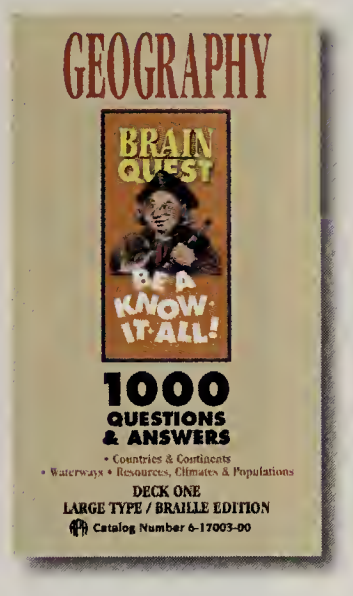
***Brain Quest*: Large Type/ Braille Editions**

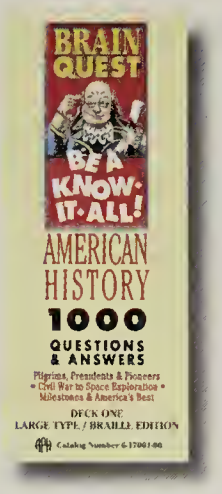
American History
6-17001-00.....$65.00

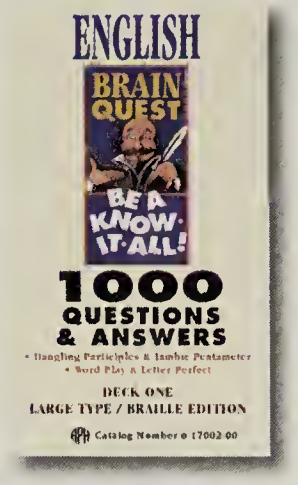
English
6-17002-00.....$65.00

Geography
6-17003-00.....$65.00

Science
6-17000-00.....$65.00



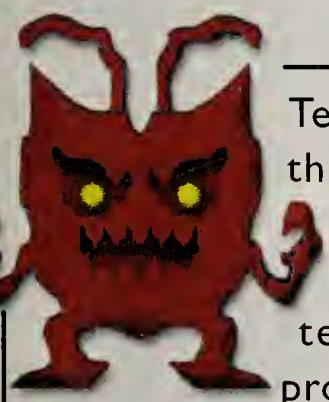




Score Card Set

Score Card Set consists of two reusable, brightly colored, tactile and audible plastic score keeping devices

1-17001-00.....$10.25



Termite Invasion!

Termites are eating their way through Woodville! Only you can save the city. You must clear the playing field of termites. There is only one problem—once you clear them away, a whole new force appears!

Termite Torpedo™: arcade-style game designed especially for low vision users!

- Bright, high-contrast colors provide practice for focus and tracking activities
- Full audio accompaniment, including directional information, allows players who are totally blind to play
- 2 game-image sizes – large and super-large

Studio Recorder software facilitates spoken word digital audio recording, editing, and proofreading for users at home, school, and in professional recording settings.

Studio Recorder™: digital recording and editing for spoken-word applications.

- High efficiency: instantaneous editing functions and large file manipulation
- User friendly with many features
- Accessible to users who are blind or visually impaired
- CD or analog cassette from digital master

The Spoken Word!

American Printing House for the Blind, Inc.
www.aph.org • 800.223.1839 • info@aph.org

Core Curriculum:

Fine Arts

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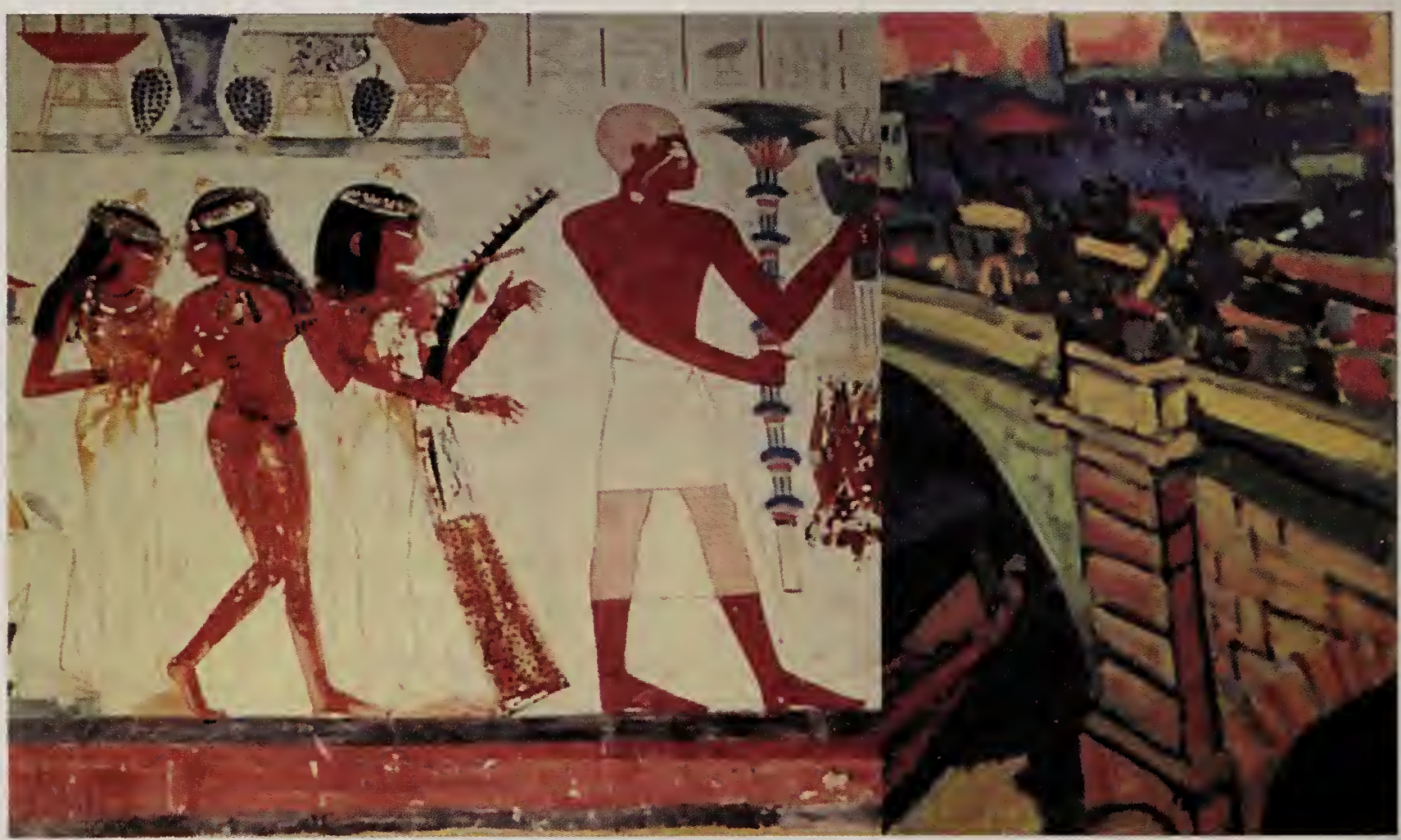
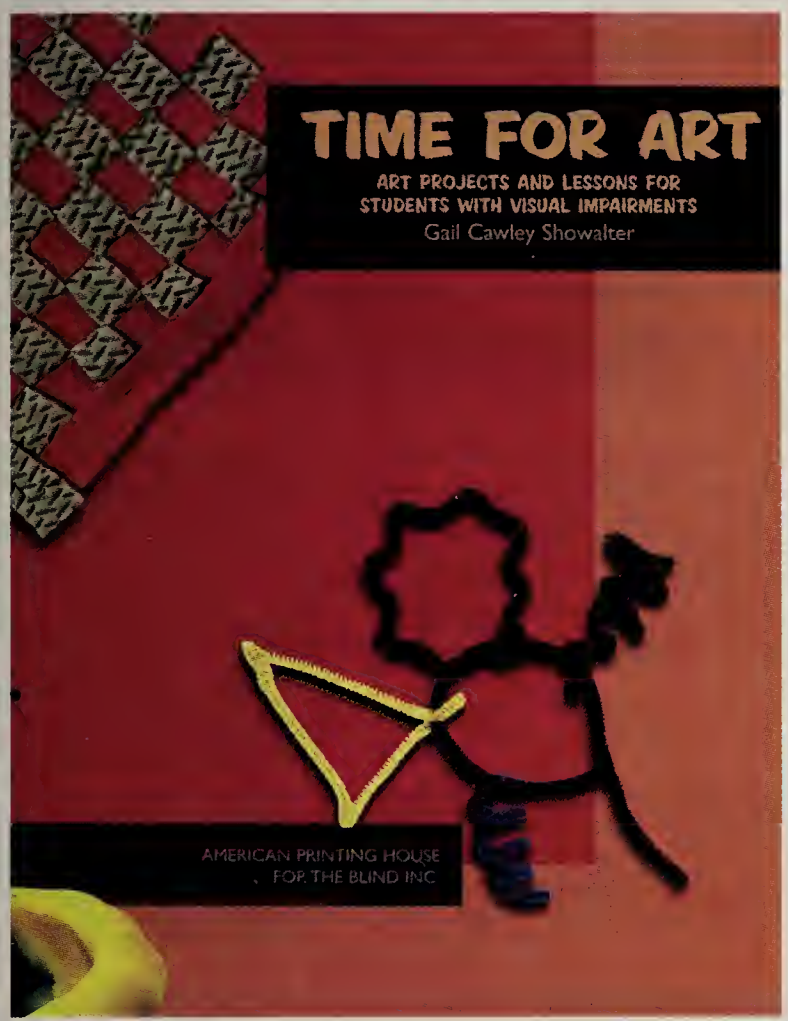


Time for Art: Art Projects and Lessons for Students with Visual Impairments

Time for Art is a handbook for teachers and parents that explains how to instruct visually impaired students in art, how to handle the media being explored, and points to consider in art program planning. Companion lessons are offered for each project and often explore other areas such as science, history, or mathematics.



Projects include:

- Fake Fossils
- Raised Line Drawings
- Sandscript
- Aluminum Repoussé
- Papier-Mâché Bowls
- Mixed-Media Puzzle of Me
- Pinch Pot
- Coiled Pot

A comprehensive list of suppliers is offered at the end of the guidebook to aid teachers and parents in finding materials for the projects offered.

Time for Art consists of a regular print guidebook and a CD-ROM. The CD contains an HTML edition of the guidebook that is accessible to visually impaired users.

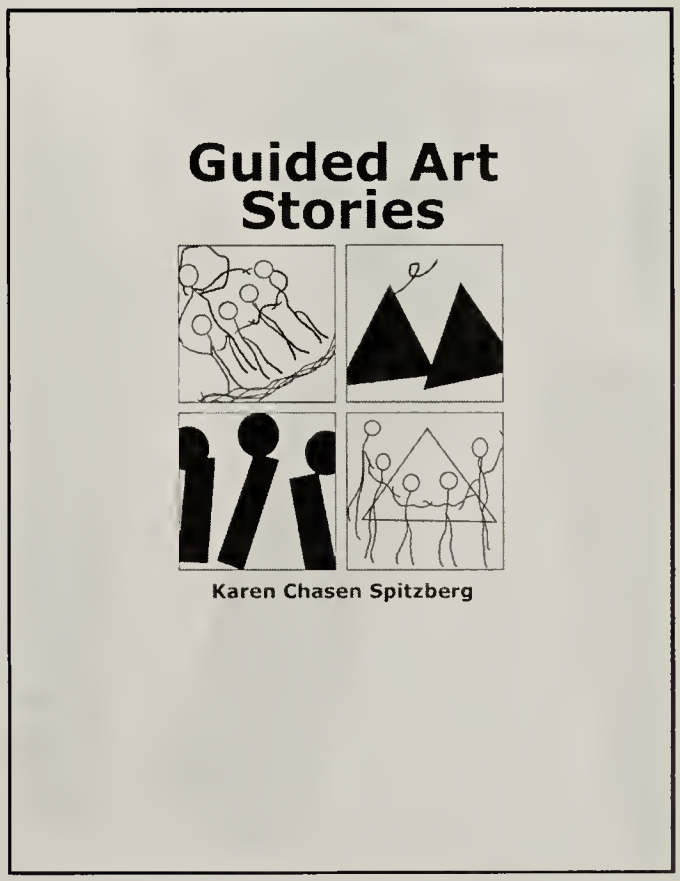
***Time for Art* Regular Print/CD-ROM: 8-03800-00.....$16.00**

Guided Art Stories

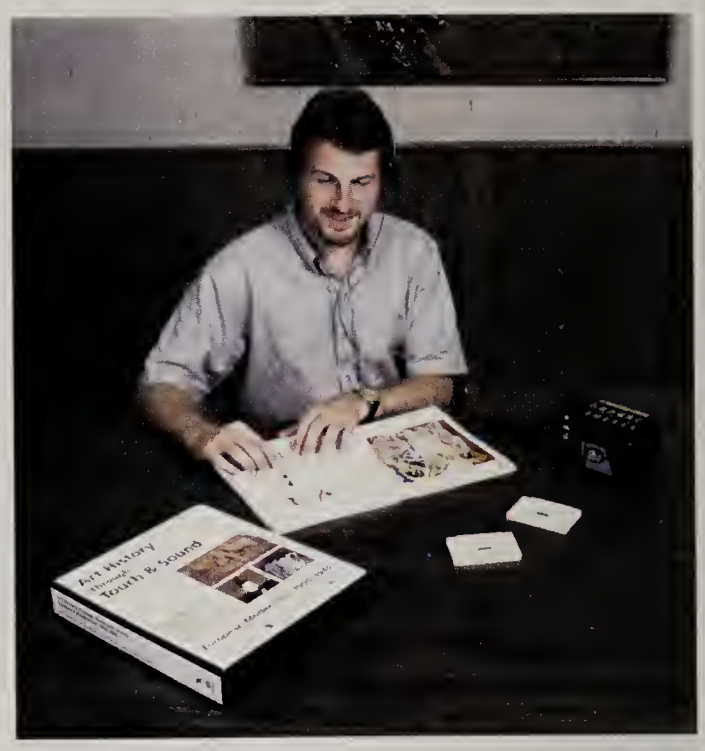
This set of audiocassettes introduces students to thought-provoking adventures based on characters found in paintings and sculpture.

First, a verbal description of the work of art is given, allowing the listener to visualize a picture in the mind's eye. After listening to a story about the artwork, the student creates a storyboard or diorama based on the story. The final step is for the student to describe and explain the picture he or she has constructed. This becomes a valuable lesson in the power of descriptive language for blind and sighted students alike. Includes print guidebook and three 1 7/8 ips, 2-track audiocassettes.

Guided Art Stories: 1-09100-00.....$22.00



Art History Through Touch & Sound Series



This multisensory system uses sight, sound, and touch to convey the richness of the world of art to people who are visually impaired. Series includes:

- *The Building Blocks of Art*
- *The Art of Ancient Egypt*
- *African Art*
- *Greek Art: Bronze and Iron Ages*
- *Baroque Art of the 17th Century*
- *European Modernism: 1900-1940*

From Art Education for the Blind and APH.

Features:

- Diagram Manual with printed images of artworks and corresponding tactile representations.
- Cassette tapes that guide you through the tactile diagrams.
- An accessible Teacher's Supplement on a PC-formatted floppy disk. Includes such items as: text of the audio narrative, art appreciation activities, and incorporating art into core curricula.

In the Complete Kit, the Teacher's Supplement is provided on floppy disk only. A Braille Teacher's Supplement is available separately.

Recommended ages: For all ages 8 years and up.
Portions of Building Blocks can be used with students 8 years and up.
Teacher-guided study: 8 to 14 years. Independent study: 15+

This series, developed by Art Education for the Blind, is a multisensory learning system for people who are blind or visually impaired.

The Building Blocks of Art

Complete Kit: 1-09003-00.....$99.00

Additional Diagram Manual:
7-09003-00.....$75.00

Replacement Teacher's Supplement Disk:
D-09003-00.....$9.00

Optional Braille Teacher's Supplement:
5-09003-00.....$49.00

The Art of Ancient Egypt

Complete Kit: 1-09002-00.....$99.00

Additional Diagram Manual:
7-09002-00.....$75.00

Replacement Teacher's Supplement Disk:
D-09002-00.....$9.00

Optional Braille Teacher's Supplement:
5-09002-00.....$49.00

African Art

Complete Kit: 1-09004-00.....$99.00

Additional Diagram Manual:
7-09004-00.....$75.00

Replacement Teacher's Supplement Disk:
D-09004-00.....$9.00

Optional Braille Teacher's Supplement:
5-09004-00.....$49.00

Greek Art: Bronze and Iron Ages:

Complete Kit: 1-09006-00.....$99.00

Additional Diagram Manual:
7-09006-00.....$75.00

Replacement Teacher's Supplement Disk:
D-09006-00.....$9.00

Optional Braille Teacher's Supplement:
5-09006-00.....$49.00

Baroque Art of the 17th Century:

Complete Kit: 1-09005-00.....$99.00

Additional Diagram Manual:
7-09005-00.....$75.00

Replacement Teacher's Supplement Disk:
D-09005-00.....$9.00

Optional Braille Teacher's Supplement:
5-09005-00.....$49.00

European Modernism: 1900-1940

Complete Kit: 1-09001-00.....$99.00

Additional Diagram Manual:
7-09001-00.....$75.00

Replacement Teacher's Supplement Disk:
D-09001-00.....$9.00

Optional Braille Teacher's Supplement:
5-09001-00.....$49.00

Core Curriculum:

Business and Vocational Education

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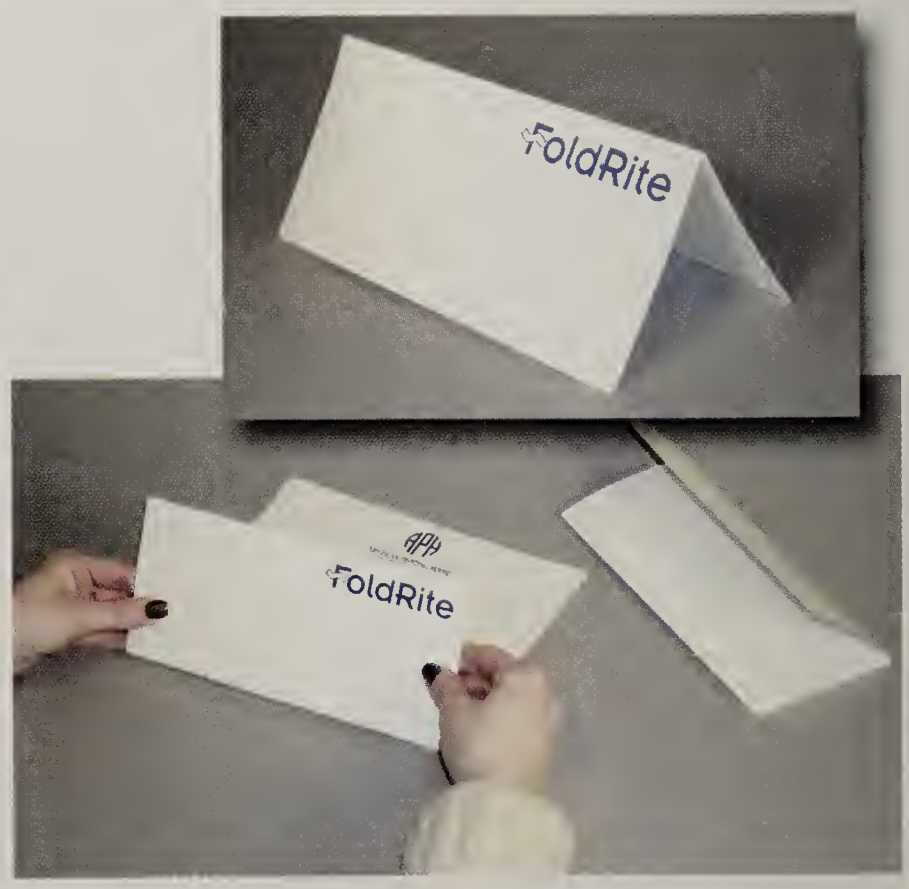
FoldRite: Letter Folding Tool

Made of durable plastic, designed to make folding 8 1/2 x 11 inch paper a snap. Consists of two plastic, hinged plates. Letters can be tri-folded by placing the paper between the plates and folding the FoldRite over twice. Can also be used to create strips of blank braille paper that fit into a business envelope.

1-08009-00.....$5.00



Prevocational Skills Development Materials

Designed for multihandicapped students, this kit and other materials suggested in the guidebook helps develop manipulative skills, such as matching, sorting, counting, assembling, and packaging.

Contains five sets of materials (also available separately):

- **Paper-Folding Jig:** For tri-folding 8 1/2 x 11 inch paper
- **Round and Square Containers with Screw Tops:** 10 plastic bottles and two seated boards
- **Sorting and Assembly Tray:** with adjustable dividers for sorting two to 12 different items
- **Bolt, Nut, and Washer Board:** with eight bolt, nut, and washer sets of graduating size
- **Bolt Practice Boards:** four boards mounted with bolts and nuts of various sizes
- ***Prevocational Skills Development:*** print guidebook

Recommended ages: 10 years and older.

Prevoc. Complete Kit:
1-08000-00.....$419.00

Items Available Separately:

Paper-Folding Jig:
1-08010-00.....$30.00

Round & Square Containers with Screw Tops: 1-08020-00.....$141.00

Sorting & Assembly Tray:
1-08030-00.....$98.00

Bolt, Nut, and Washer Board:
1-08040-00.....$53.00

Bolt Practice Boards:
1-08050-00.....$80.00

***Prevocational Skills Development* (guidebook): 8-01300-00.....$17.00**

Note: The Sorting and Assembly tray can be used as a calendar box system. To learn more, visit www.aph.org/products/prevocsk.html.

Core Curriculum:

Physical Education

REVISED!

Portable Sound Source 2003

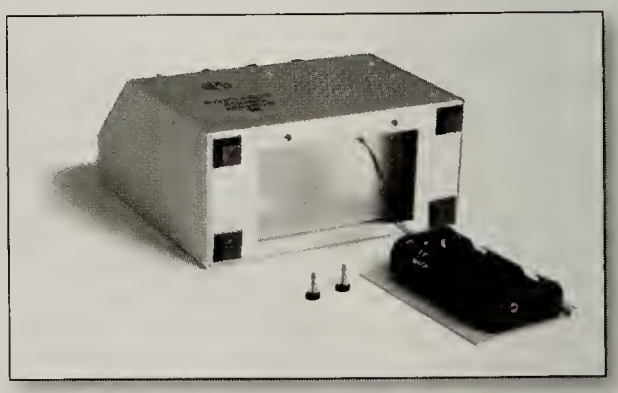
Produces an audio tone that provides directional cues for orientation and mobility, sound localization training, or for playground games.

- Improved – Now powered by four C-cells (included) that are easier for you to replace.
- Rate of tone: 36 to 360 pulses per minute
- Pitch: 600 hertz to 1200 hertz
- Large speaker
- Power: four C-cells (included)
- Measures 8 x 9 x 3 1/2 inches
- Weighs approximately 6 pounds
- Print instructions

Recommended ages: all ages.

Portable Sound Source 2003:
1-03040-02.....$175.00

Sound Localization Manual only:
8-16080-00.....$15.00



Creates beeping tones for teaching sound location skills or for marking locations in playground games. Now it's easier to replace the batteries.

Expanded Core Curriculum:

Communication Modes and Literacy Education

Communication Modes

Communication needs will vary, depending on the degree of functional vision, the effects of additional disabilities, and the task to be done. Children may communicate through braille, large print, print with the use of optical devices, regular print, tactile symbols, a calendar system, sign language, recorded materials, or combinations of these means.

This section includes products that allow students to access the existing core curriculum.

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Feel 'n Peel Stickers

Multi-use tactile/visual stickers for students and adults. Bright, translucent colors, durable plastic. Examples of use:

- Point Symbols: graphs, game boards, microwave buttons
- Reward Statements: grading papers, rewarding behavior
- Faces: attendance, reading list progress
- Alphabet: labeling folders, identifying belongings, diagrams.

Suggested uses for the stickers provided on a large print/braille sheet.

Recommended ages: 3 years and up.

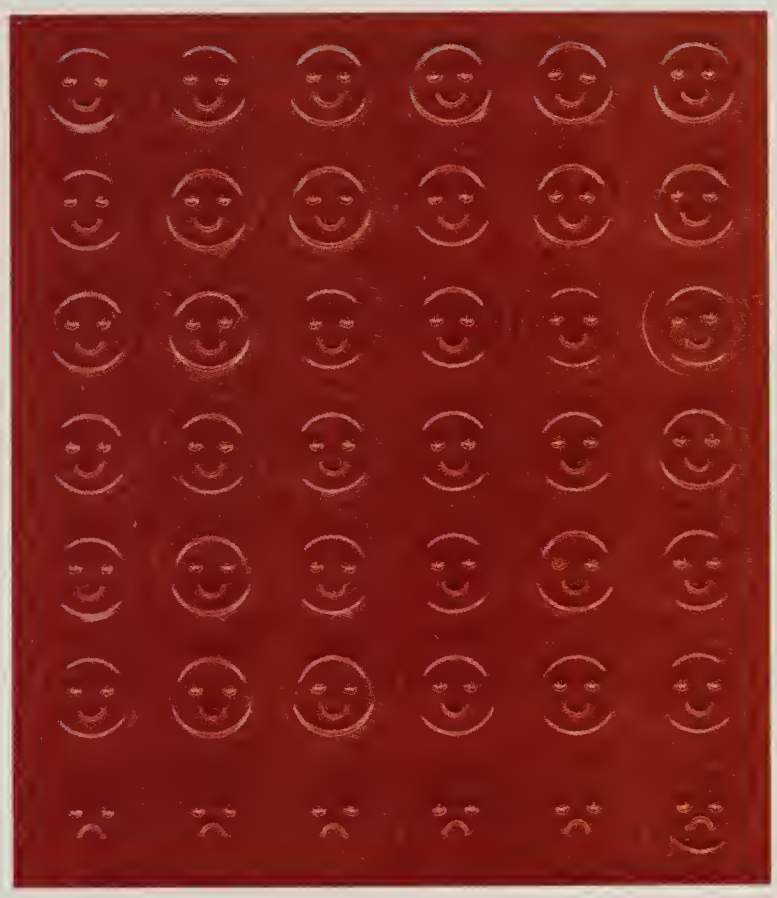
Assorted Stickers Kit
(over 2,300 stickers):
1-08843-00.....$52.00

Point Symbol Sticker Kit
(over 1,200 stickers):
1-08846-00.....$24.00

Smiley/Frowny Face Sticker Kit
(over 200 stickers):
1-08847-00.....$24.00

Reward Statements Sticker Kit
(200 stickers):
1-08848-00.....$24.00

Braille / Print Alphabet Letters Sticker Kit
(over 600 stickers):
1-08849-00.....$24.00



Smiley/Frowny Face Stickers

Note: Colors of stickers may vary from those depicted in photographs.

Create tactile graphics quickly and easily!

Mini-Lite Box sold separately.

Crafty Graphics: Stencil Embossing Kit

Kit contains stencils, embossing tools, and other items needed to create tactile graphics by dry pressure embossing. You supply your own light source to place underneath sheets to be embossed (for example, APH's Mini-Lite Box or natural light).

The types of graphics you can create are almost infinite, including graphs, clock faces, cards, flash cards, street maps, flowcharts, etc.

Kit Includes:

- Nine Brass Stencils, such as Block Letters, Geometric, and Bold Plaid Stripe
- Eight Unique Stenciling Tools, such as Stylus with Medium and Large Tips, Serrated Tracing Wheel, and Standard Braille Signage Stencil
- Twenty Whole Objects Stencils: such as Apple, Teddy Bear, Heart, etc.
- Stenciling Accessories Pack, with items such as Soft Wire Screen, Foam Pads, Clear Vinyl Sheet
- Bold Line Graph Paper, 8 1/2 x 11, 1/4 inch grid
- Wooden Braille Eraser
- Guidebook with instructions, tips, and techniques for creating good embossed graphics. Guidebook included in large print and on PC-formatted floppy disk. Optional Braille Guidebook available.
- Carrying case

Crafty Graphics Kit:
1-08844-00.....$118.00

Replacement Guidebooks

Large Print Edition:
7-08844-00.....$20.00

Floppy Disk Edition:
D-08844-00.....$9.00

Optional Guidebook - Braille Edition:
5-08844-00.....$20.00

Additional Bold Line Graph Paper, 8 1/2 x 11, 1/4 Inch Grid:
1-04062-00.....$10.00

Optional Items

Light Box: 1-08660-00.....$366.00

Mini-Lite Box: 1-08661-00.....$160.00

IntelliTactiles Overlay Companions for the IntelliKeys® Keyboard

The IntelliKeys® Classic and USB keybaords from IntelliTools® connect to either a PC or Mac® and provide auditory feedback for overlays placed on their touch-sensitive surfaces. The IntelliKeys keyboards, related software, and standard visual overlays are available exclusively from IntelliTools. Phone: 1-800-899-6687 or Web Site: www.intellitools.com.

IntelliTactiles Standard Overlay Companions, developed by APH, align with the visual overlays provided with IntelliTools' CLASSIC IntelliKeys keyboard, making them accessible to braille readers. These durable clear-plastic tactile overlays correspond with the following visual overlays:

- Alphabet Overlay
- Basic Writing Overlay
- Numbers Overlay
- Arrows Overlay
- Apple QWERTY Overlay
- IBM QWERTY Overlay
- Setup Overlay

IntelliTactiles USB Overlay Companions, also developed by APH, align with the following visual overlays provided with IntelliTools' newer USB IntelliKeys keyboard:

- Alphabet USB Overlay
- Basic Writing USB Overlay
- Math Access USB Overlay
- Mouse Access USB Overlay
- Web Access USB Overlay
- QWERTY USB Overlay
- Setup USB Overlay

IMPORTANT: Please check your keyboard before ordering. APH sells Overlay Companions for both the IntelliKeys Classic and the USB keyboards, but the overlays are not interchangeable.

NOTE: The IntelliKeys Classic and USB keyboards are exclusively available from IntelliTools, Inc. Only the tactile counterparts for the visual overlays are available from APH.

IntelliTactiles: Standard Overlay Companions Kit for the IntelliKeys Classic keyboard (includes User's Guides in large print and braille):

1-08515-00.....$54.00

User's Guide Only, Print:
7-08515-00.....$12.00

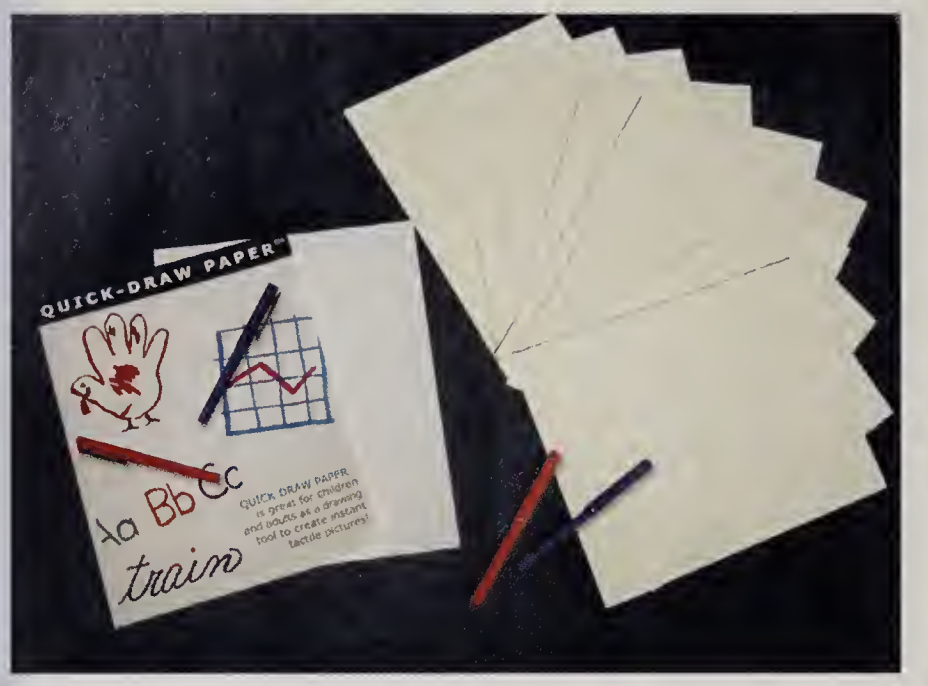
User's Guide Only, Braille:
5-08515-00.....$10.00

New **IntelliTactiles USB Overlay Companions Kit for the IntelliKeys USB keyboard (includes User's Guides in both print and braille).**

1-08513-00.....$54.00

User's Guide only, print:
7-08513-00.....$14.00

User's Guide only, braille:
5-08513-00..... $10.00



Quick-Draw™ Paper

Create instant tactile graphics that are useful for a wide variety of art, orientation & mobility, diagramming, and educational activities.

Simply draw on paper surface with a water-based marker and the lines will swell instantly and become tactile. Lets children, students, and adults be the creators of their own tactile pictures with immediate feedback.

Includes 10 sheets of 8 1/2 x 11 inch Quick-Draw Paper, instructions in large print, and two water-based markers.

Recommended ages: 4 years and up.

1-04960-00.....$27.50

Word Associations Print/Braille Labels

Introduce children to the world of reading by using these large print/braille stickers! Consists of 12 sheets of self-adhesive labels containing common words.

For example, the large print/braille label "chair" can be placed on a chair to associate the word with the object. Includes 91 labels and a manual in either large print or braille.

Recommended ages: 3 years and up.

Kit with Print Manual:
8-39050-00.....$39.00

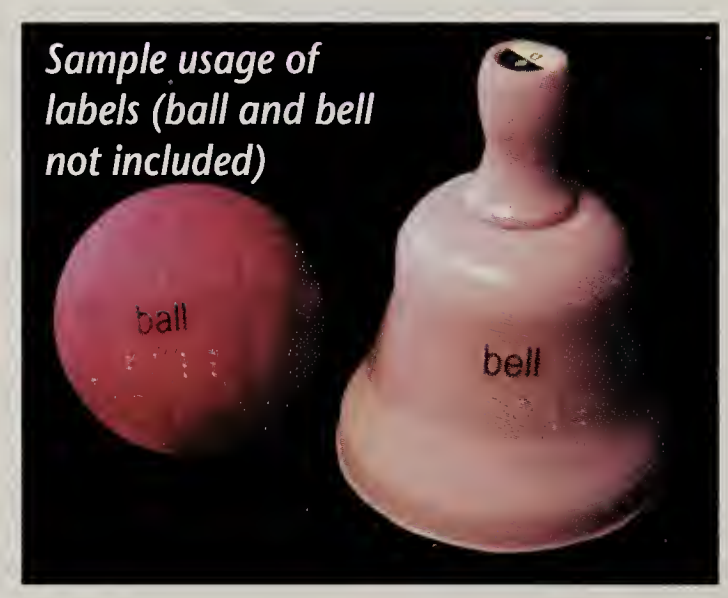
Kit with Braille Manual:
6-39050-00.....$39.00

Available separately:

Labels only: 6-39052-00.....$22.00

Print Manual only:
8-39051-00.....$17.00

Braille Manual only:
6-39051-00.....$17.00



Sample usage of labels (ball and bell not included)

Individual Calendar Kit

Students can experience the fun and challenge of creating their own calendars. Calendars are inexpensive and consumable. Includes:

- Twelve brightly colored embossed/bold line grid sheets, one for each month.
- Paper labels showing the month, days of the week, and days of the month. Labels are marked in both large type and braille. Orientation corner cut.

Recommended ages: 4 to 10 years.

1-18971-00.....$17.00

Classroom Calendar Kit

Large wall calendar for the classroom. Introduce sighted and blind children to such concepts as measuring time; tracking left, right, top, and bottom; recording the weather; and recognizing and sequencing numerals.

- Blue plastic month grid, with raised grid lines printed in black
- High-contrast, large print/braille labels with an orientation corner cut
- Yellow plastic labels for the year, month, and days of the week and white plastic labels with numerals 1-31
- Brightly colored and embossed holiday and weather symbols
- Instructions in large print and on cassette

Recommended ages: 4 to 10 years.

Classroom Calendar Kit:

English Edition:
1-18970-00.....$55.00

Spanish Edition: 1-18973-00.....$55.00

APH offers the APH InSights Large Print/Braille Art Calendar. Please have a look at page 161 in the "Special Touch" Gift Section.

REVISED!

Talking Typer for *Windows*®

Now with Enhanced Voicing

Talking Typer is computer keyboarding and typing training software that speaks and displays lessons on screen. Includes drills, practice, and typing games. Adjustable to the student's level of skill and sight impairment. Recommended ages: 6+

New Options for Ordering: All three options noted below contain the latest version of the *Talking Typer* program. The only difference is the higher or lower quality of the synthetic speech.

Talking Typer (with Enhanced Voicing) uses new computer voices that sound much closer to human speech. This version of *Talking Typer* provides a higher measure of intelligibility and less fatigue for audio users.

Talking Typer (without Enhanced Voicing) is lower cost and is available by electronic download only.

Talking Typer Upgrade will allow you to add Enhanced Voicing to any version of *Talking Typer* for *Windows* that you currently own. The Upgrade will also upgrade your copy of the *Talking Typer* program, if needed.

Requirements to Run

- PC running at least *Windows 95*®
- *Internet Explorer*® 5.5 or later;
- 64 megabytes of RAM;
- 10 megabytes of hard disk space;
- CD-ROM drive;
- Sound card with speakers.

New! *Talking Typer* for *Windows* (with Enhanced Voicing): D-03430-00.....$89.00

***Talking Typer* for *Windows* download (without Enhanced Voicing): D-03430-ED.....$79.00**

NEW! *Talking Typer* for *Windows* Upgrade (adds Enhanced Voicing and software upgrade, if needed): D-03431-00.....$49.00

Note: Upgrade requires that you own a copy of *Talking Typer* for *Windows*.

Find detailed software purchasing instructions in the "How to Order" section. Download APH Software Demos: www.aph.org/tech

Learn Keys: Verbal Keyboard Feedback

PC keyboard exploration and announcement program gives you human speech feedback.

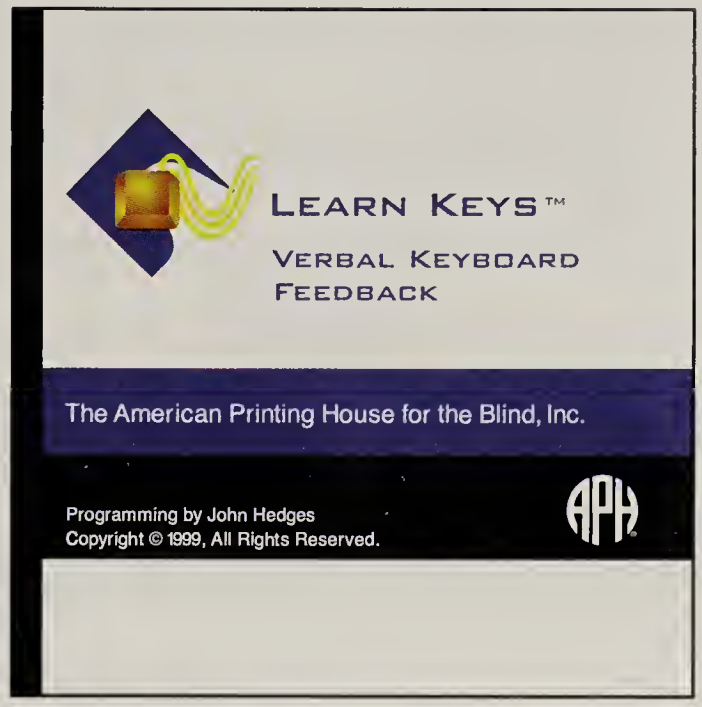
Works with several versions of *Windows*® and with a variety of keyboard types. Uses your computer's sound card and speakers. Can speak any key and display the key name on screen. Can provide keyboard feedback while other programs are running.

Included: Program with on-line Help and documentation on CD-ROM; quickstart in braille and large type.

Requirements to Run

Windows 95 or later. 80486 or higher processor, CD-ROM drive, and sound card with speakers.

Note: *Learn Keys* is not a screen reader – it speaks keystrokes.



Learn Keys:
CD-ROM: D-03410-00.....$14.95
Electronic Dist.: D-03410-ED.....$14.95

Note: Find detailed software purchasing instructions in the "How to Order" section. Download APH Software Demos: www.aph.org/tech

Typewriting for Blind Students

Cassette tape instructional program designed to help teach the typewriter keyboard.

Two sets of lessons: one for the classroom and one for students working at their own rate. Cassettes are 4-track, 15/16 inches per second. Recommended ages: 7 years and older.

Teacher Kit: Includes a teacher's manual, five cassettes containing 10 lessons, and nine cassettes containing skill-building for individual work.

1-08880-00.....$29.00

Student Kit: Includes nine cassettes containing skill-building for individual work.

1-08970-00.....$15.00

Listen and Think

Develop and improve listening comprehension and thinking skills with the three levels of this tape lesson series.

Listen and Think Auditory Readiness (AR) Level:

Covers basic listening skills such as understanding placement (e.g., up and down), using the senses, comparing, and classifying. The AR level includes

- Introductory tape, 15 lesson tapes
- 250 Simple Multiple-Choice Answer Sheets (also available separately)
- a regular print teacher's handbook (also available separately)
- eight plastic crayons.

Recommended ages: 5 to 7 years.

Listen and Think AR:
1-08510-00.....$62.00

AR Level Print Teacher's Handbook and Supplement only:
7-70050-00.....$18.00

Simple Multiple-Choice Answer Sheets only (pack of 50): 1-03680-00.....$5.50

Listen and Think Levels B and C:

Advanced levels introduce such concepts as main ideas, summarizing, outlining, and comparing. Each level includes:

- Introductory tape and 15 lesson tapes
- 250 each of braille and large type Multiple-Choice, Multipurpose Answer Sheets
- 50 each of braille and large type Progress Charts (also available separately)
- 48 plastic crayons and 300 marking pins
- Regular print teacher's handbook

Level B (Recommended ages 7 to 8 years): 1-03890-00.....$104.00

Level C (Recommended ages 8 to 9 years): 1-03910-00.....$104.00

Listen and Think, Print Teacher's Handbooks only

Level B: 7-70060-00.....$18.00

Level C: 7-70070-00.....$18.00

Multiple-Choice, Multipurpose Answer Sheets only (50 per package)

Braille: 1-04051-00.....$5.50

Large Type: 1-04072-00.....$5.50

Progress Charts only (50 per package)

Braille: 1-04050-00.....$10.00

Large Type: 1-04073-00.....$10.00

Listen and Think Cassette Replacements

AR Level Cassettes (16):
C-99960-00.....$19.00

Level B Cassettes (16):
C-99890-00.....$19.00

Level C Cassettes (16):
C-99910-00.....$19.00

Card Chart Kit

Holds the 3 1/2 x 2 inch braille/print cards sold by APH in a variety of products, such as Expanded Dolch Word Cards.

Chart board measures 19 1/2 x 12 1/4 inches. Has holes for hanging and a corner cut for orientation. Up to five cards can be inserted into each of six slots. Slots are high contrast. Includes 90 blank cards you can mark.

Examples of use:

- Alphabetizing
- Removing all words that aren't verbs
- Matching states and capitals
- Finding math cards that equal a certain number

Recommended Ages: All ages.

Card Chart Kit (including blank cards):
1-03550-00.....$20.00

Additional Blank Cards:
1-03540-00.....$3.00

Optional Card Sets That Can Be Used with the Card Chart:

Expanded Dolch Word Cards:
1-03560-00.....$20.00

Grade 2 (Contracted) Braille Cards:
1-03561-00.....$10.00

Math Drill Cards:

Number & Math Signs:
1-03551-00.....$5.00

Addition: 1-03552-00.....$5.00

Subtraction: 1-03553-00.....$5.00

Multiplication: 1-03554-00.....$5.00

Division: 1-03555-00.....$5.00

Discovering the Magic of Reading: "Elizabeth's Story"

Video and booklet explore ways that parents and teachers of children with visual impairment can make reading aloud an enjoyable learning experience. Provides a compelling account of the value of reading to young children.

Recommended ages: For parents and teachers of children ages birth to 5 years.

24-minute VHS videotape and booklet:
1-30002-00.....$25.00

Booklets only (pack of ten):
7-30002-00.....$11.00

Learn the importance of reading aloud to children!

Desk Top Reading Stand

Portable desk top stand holds reading material at a proper position for low vision readers. Handsome wooden stand has:

- A book shelf that can be moved to the left or right
- Adjustable page clamps
- Built-in carrying handle

Top surface measures 23 3/4 x 18 inches. Weighs 9 1/8 lbs. Recommended ages: 8 years and older.

1-03220-00.....$149.00

The GrandStand: Portable Reading Easel

Light-weight and portable reading stand for low vision readers. Waterproof, colorful, durable, and inexpensive. Easy to lift, carry, and lock into position. Folds up when not in use.

Adjustable shelf may be raised and lowered to accommodate the height of the reader. Includes clips for holding book pages open (clips not pictured). Top surface measures 15 x 14 1/2 inches. Weighs only 2 1/3 lbs.

Recommended ages: 5 years and older.

Yellow: 1-03205-00.....$34.00
Black: 1-03204-00.....$34.00

Includes removable clips for holding book pages open (not shown).

Shafer Reading Stand

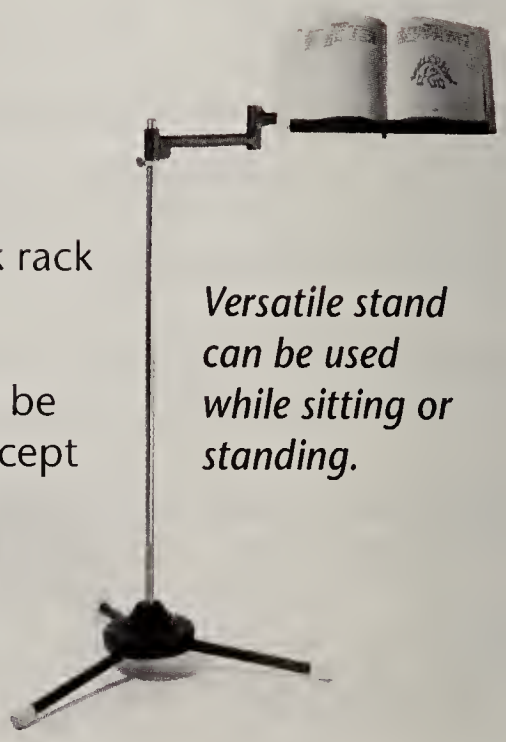
Adjustable, self-supporting stand for large type publications.

Tripod base with a 42 inch shaft. A 4-joint, adjustable swivel arm/book rack attaches to the shaft. Book rack measures 16 x 11 1/2 inches.

Swivel arm can be locked at any height along the shaft. Book rack can be rotated or tilted in many different positions. All-metal construction, except for nonslip rubber feet.

Recommended ages: 6 years and older.

1-03230-00.....$263.00


Versatile stand can be used while sitting or standing.

Print and Braille Literacy: Selecting Appropriate Learning Media

Contains guidelines and informal evaluation processes to help ensure that each visually impaired student will learn to use the most appropriate reading medium/media.

Braille Edition: 6-01500-00.....$17.00

Large Type Edition:
L-01500-00.....$15.00

Print Edition: 8-01500-00.....$5.00

Note: Not available on Quota.

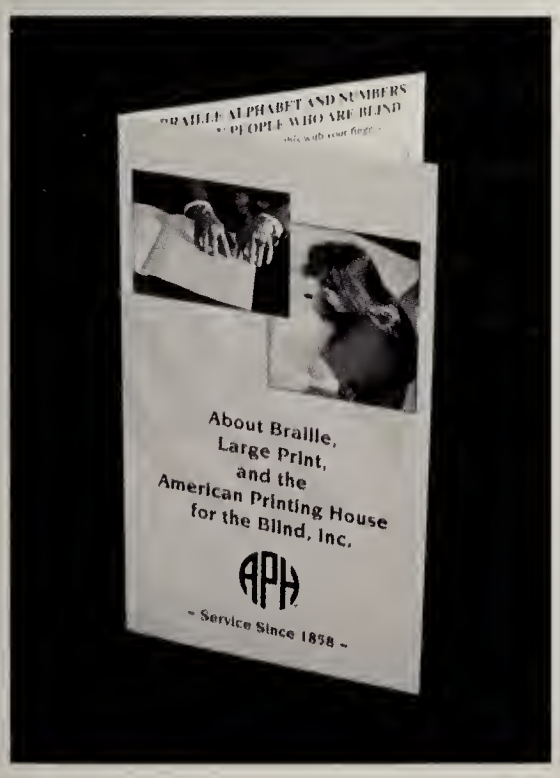
TOOLS for Selecting Appropriate Learning Media

Designed to help parents, teachers, and administrators make decisions concerning students' use of braille, print, or both as their primary reading medium/media. This manual is a more detailed extension of *Print and Braille Literacy: Selecting Appropriate Learning Media.*

Braille Edition: 6-01501-00.....$57.00

Large Type Edition: L-01501-00.....$54.00

Print Edition: 8-01501-00.....$36.00

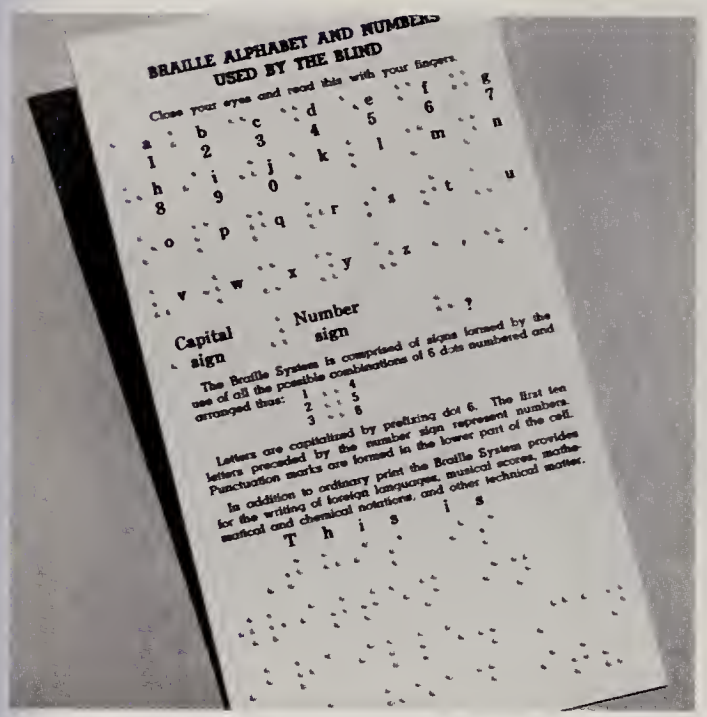


APH Alphabet Card Folder

Designed to raise the awareness of braille among print readers, this card displays the braille alphabet, a sample of large type, and provides a brief history of APH. Folds in half vertically. Sold individually. As an educational service, up to five copies are available free on request by phone.

Each card: 1-04000-00.....$0.13

Note: Not available on Quota.



Braille Alphabet and Numbers Card

Intended to increase the awareness of braille among print readers, this card presents the alphabet, numbers, and limited punctuation signs in braille and in regular type. A simple sentence in uncontracted braille is included, allowing for translation practice. 100 per package. Not available free.

100 cards: 1-04020-00.....$7.00

Note: Not available on Quota.

Braille Contraction Sheets

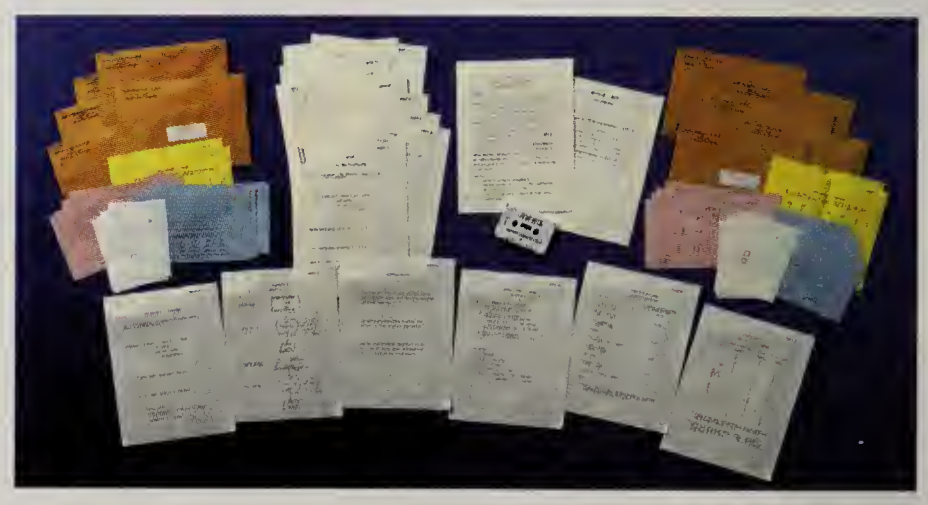
Pamphlet contains many of the common English braille contractions, including word signs, short-form words, punctuation, and composition signs.

As an educational service, one print and one braille version are available free on request by phone. Additional copies are sold individually.

Print: 7-35960-00.....$2.50

Braille: 5-35960-00.....$2.50

Braille Code Recognition (BCR) Materials



Help students increase speed and accuracy in recognition of contractions, word signs, and short-form words in braille.

BCR comes in two versions: The Students' Kit provides for up to five students, while the Teachers' Training Kit provides for up to 10 teachers.

Recommended for students 10 years and older who have a basic understanding of the braille code.

BCR Students' Kit: 1-03240-00.....$51.00
BCR Teachers' Training Kit: 1-03250-00.....$34.00
Braille Progress Charts only (50 sheets): 1-04050-00.....$10.00

Grade 2 (Contracted) Braille Cards

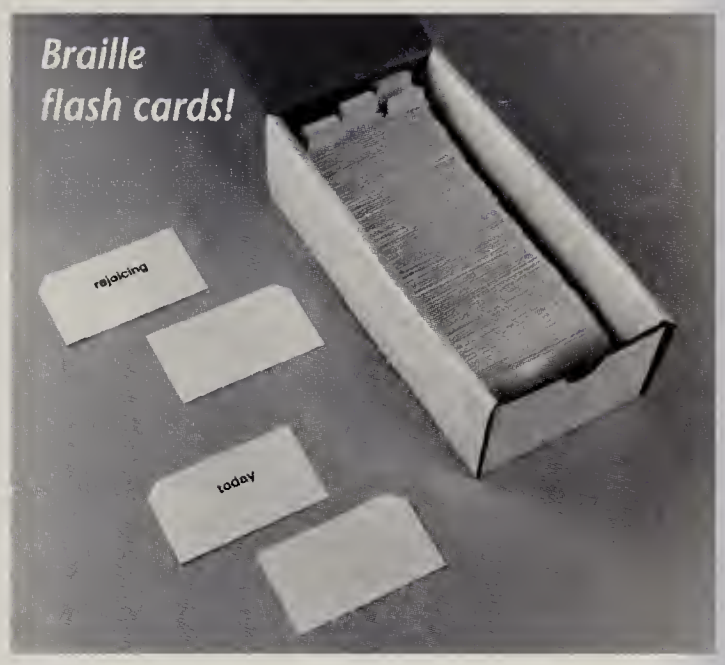
Flashcards for drilling on the braille literary code. Includes in both large type and braille:

- Alphabet and numbers
- Punctuation and composition signs
- One-cell whole-word and part-word signs
- Two-cell contractions
- Short-form words

There are 247 cards, measuring 3 1/2 x 2 inches. The first 26 cards contain the braille alphabet on one side and large type on the other side. Remaining cards contain Grade 2 (Contracted) Braille on one side and both Grade 1 (Uncontracted) Braille and large type on the other side.

Eight blank cards, 30 indexing cards with tabs, and a storage box are included.

Recommended ages: 6 years and older.



Braille flash cards!

Grade 2 Braille Cards:
1-03561-00.....$10.00

Can be used with the Card Chart or the Expanded Dolch Word Cards, 1-03560-00.

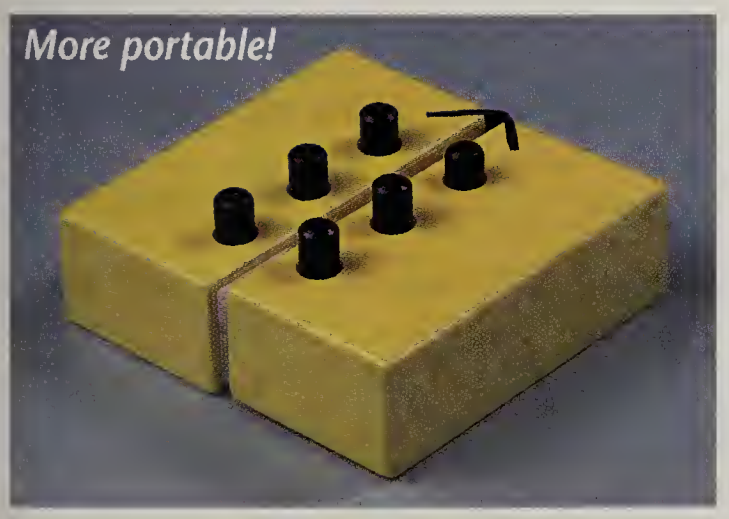
Swing Cell

Introduce beginning braille users to the braille cell using this teaching device. Two rectangular blocks are hinged on the top and mounted on a wooden base. Pegs can be inserted into the blocks to represent braille dots, three pegs per block. With the blocks in the vertical position, the pegs form the braille cell. With the blocks in the horizontal position, the pegs show the position of the keys on a braillewriter.

Recommended ages: 5 years and older.

6-78040-00.....$53.50

Shows the relationship between a braille cell and the keys on a braillewriter.


More portable!

Swing Cell Compact

Similar to the Swing Cell, but without the base. Smaller and lighter than the original. Helps students understand the relationship between the braille cell and the keys on a braillewriter. Internal storage of pegs.

Recommended Ages: 5 years and older.

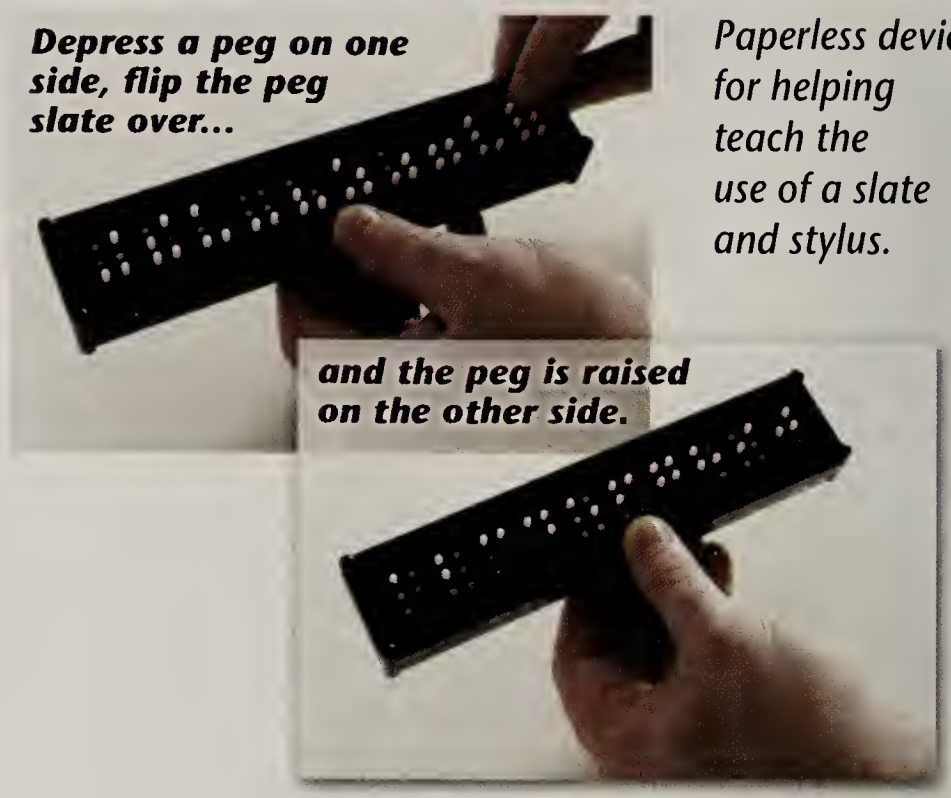
6-78041-00.....$35.00

Peg Slate

Paperless device designed to help teach beginning users of the braille slate. A frame is mounted with pegs that represent the braille dots in 10 braille cells. A finger is used to push the pegs down. The frame is then flipped over to read the braille message. Made of black plastic with white plastic pegs for high contrast. Instructions in print and braille.

Recommended ages: 6 years to adult.

1-08830-00.....$16.00

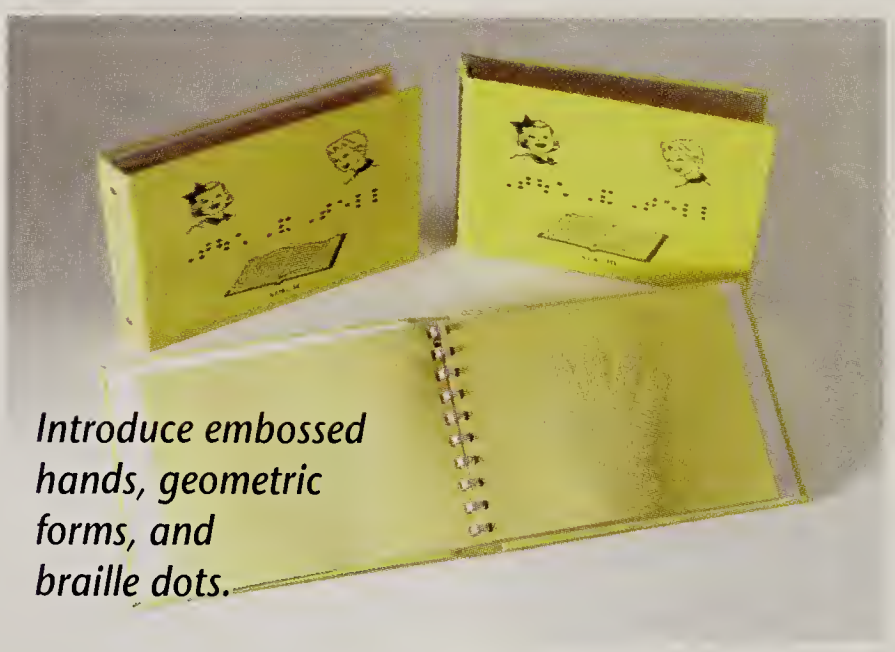


Paperless device for helping teach the use of a slate and stylus.

Pop-A-Cell

A large-scale braille cell is presented on a card measuring 2 5/8 x 4 1/4 inches. Pop the durable plastic cell dots up or down to create various braille characters. Set of four – red, green, yellow, and blue – and a Braille Alphabet and Numbers Card.

Pop-A-Cell (4-pack): 1-17002-00 $8.00



Introduce embossed hands, geometric forms, and braille dots.

Touch and Tell

Classic set of braille reading readiness books. Consists of three volumes with tactile pages and regular type instructions. Volumes I and II introduce embossed hands and geometric forms, while Volume III introduces braille dots. Recommended ages: 5 to 6 years.

6-44670-00.....$38.00

Instruction booklet only: 8-44660-00.....$5.00

Note: The Formboard with Removable Hands (1-03700-00) is a good precursor to *Touch and Tell.* Tactual Discrimination Worksheets (1-08810-00) provide additional practice.

Big Cell

Enlarged plastic braille cell model that allows a blind person to examine the shape of a braille cell. Helps beginning slate users learn where to put the stylus for various dot positions.

1-08820-00 $5.00

Tactual Discrimination Worksheets

Four-part set of consumable worksheets for braille reading readiness.

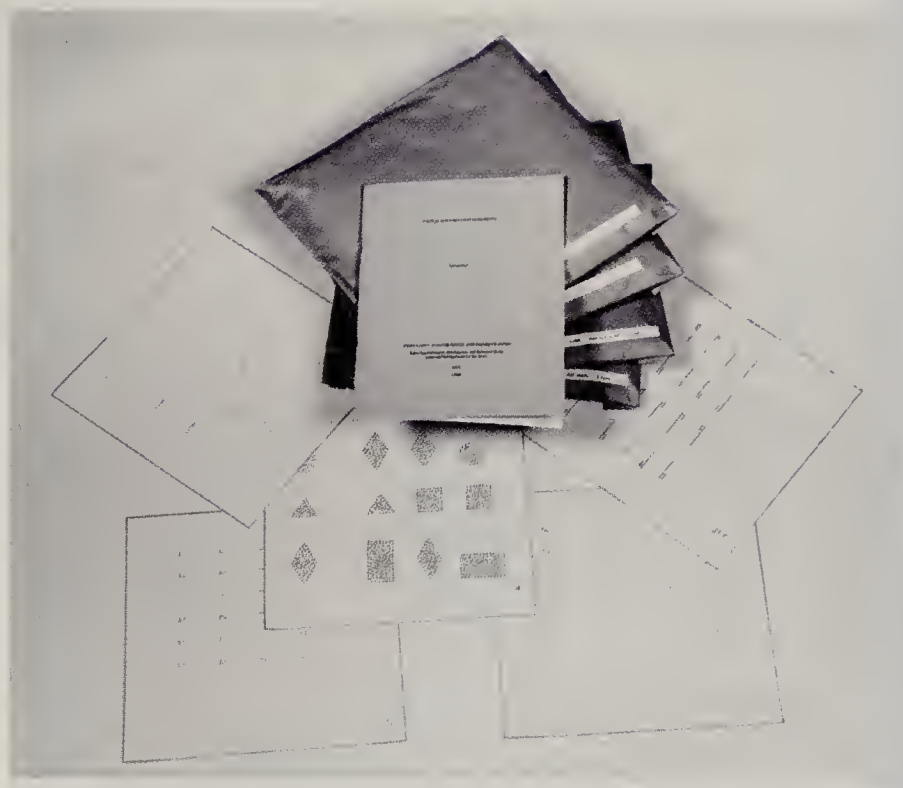
Included:

- Twenty geometric form sheets
- Twenty-six line sheets
- Twenty angular figure sheets
- Twenty braille code character sheets

Examples of tasks include: finding the figure which is different in a row of figures, finding the two figures in a row of figures which are the same, finding a figure that matches the first figure in each row, etc. Instruction manual in regular type.

Recommended ages: 4 or 5 years and other beginning braille readers of all ages.

1-08810-00.....$20.00



Beginning braille students of all ages can benefit from these consumable tactual discrimination worksheets.

Extra Worksheets only:
1-08800-00.....$20.00

Preparatory Reading Program for Visually Handicapped Children (PREP)

For students who are potentially braille readers or large type readers, PREP focuses on ten concepts directly related to the reading process.

Each concept has instructional objectives and multisensory lessons plus a storybook in large type and braille with raised-line drawings. Stories stimulate a child's reasoning and reading comprehension skills.

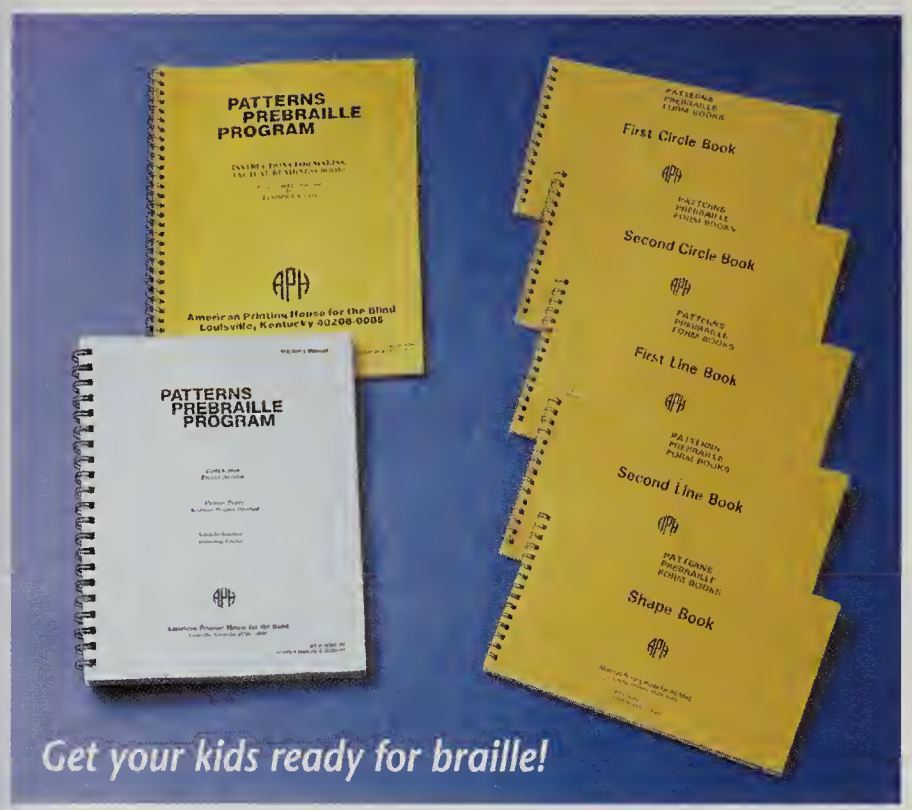
Recommended ages: 3 years and up.

***PREP:* 8-01200-00.....$176.50**

Items available separately:

Teacher's Manual: 8-01220-00.....$99.50

Storybooks: 8-01210-00.....$77.00



Patterns Prebraille Program

Designed to prepare children before they begin braille reading. Helps build a child's auditory, tactual, conceptual, and language skills. Emphasis in this program is on exposure to a variety of common childhood experiences.

***Patterns Prebraille:* 6-78360-00.....$65.00**

Items available separately:

Teacher's Manual 8-78380-00.....$21.00

Instructions for Making Tactual Readiness Books 8-78370-00.....$10.00

Patterns Prebraille Form Books 6-78361-00.....$34.00

***Patterns* is a complete program for beginning braille readers. Not all items shown.**

Patterns: The Primary Braille Reading Program

Complete program designed for young beginning braille readers, readiness through third reader level.

Word recognition is taught through tactual memory, phonological skills, and syntactical skills. Contains a variety of materials for each level, including: textbooks, posttests, worksheets, and teacher's editions. Recommended ages: 5 years and up.

Note: Some braille versions of *Patterns* teacher's editions available from APH are vacuum form books that were transcribed by the Braille Services Guild of California. Complete kits include only the print versions of the teacher's editions; braille teacher's editions must be ordered separately.

Scope and Sequence Chart (*Patterns* overview) 8-78350-00.....$6.00

Patterns: The Primary Braille Reading Program
is listed in easy-to-read charts.

Please see pages 77-79.

Patterns: Reading: **Readiness Level (Red):**	Catalog Number	Price
Go and Do, Letters and You: Complete Print Kit	6-78000-00	$107.00

Patterns: Reading: **Readiness: Complete Print Kit Includes:** Pupil's Texts, Print Teacher's Edition for Pupil's Texts, Review Worksheets, Print Teacher's Edition for Review Worksheets, Posttest, Print Teacher's Edition for Posttest, Swing Cell Compact

Readiness items sold separately:		
Pupil's Texts (2 books)	6-78010-00	$19.00
Teacher's Edition for Pupil's Texts:		
Braille Edition - only available separately (7 volumes)	6-32130-00	$179.00
Print Edition	8-78010-00	$16.00
Review Worksheets (unbound)	6-78020-00	$11.00
Teacher's Edition for Review Worksheets:		
Braille Edition - only available separately (1 vol.)	6-32150-00	$17.00
Print Edition	8-78020-00	$6.00
Posttest (unbound)	6-78030-00	$8.00
Teacher's Edition for Posttest:		
Braille Edition - only available separately (1 vol.)	6-32140-00	$20.00
Print Edition	8-78030-00	$6.00
Swing Cell Compact: Used to teach the relationship between the braille cell and the keys on a braillewriter	6-78041-00	$35.00

Patterns: Reading: **Preprimer Level (Blue):**	Catalog Number	Price
Work and Play, Little and Big, Words and Games: Complete Print Kit	6-78050-00	$113.00

Patterns: Reading: **Preprimer: Complete Print Kit Includes:** Pupil's Texts, Worksheets, Print Teacher's Edition for Pupil's Texts and Worksheets, Review Worksheets, Print Teacher's Edition for Review Worksheets, Posttest, Print Teacher's Edition for Posttest

Preprimer items sold separately:		
Pupil's Texts (3 books)	6-78060-00	$29.00
Worksheets (unbound)	6-78070-00	$25.00
Teacher's Edition for Pupil's Text and Worksheets:		
Braille Edition - only available separately (8 volumes)	T-32210-00	$245.00
Print Edition	8-78060-00	$18.00
Review Worksheets (unbound)	6-78080-00	$13.00
Teacher's Edition for Review Worksheets:		
Braille Edition - only available separately (1 vol.)	T-32220-00	$23.00
Print Edition	8-78080-00	$6.00
Posttest (unbound)	6-78090-00	$10.00
Teacher's Edition for Posttest		
Braille Edition - only available separately (1 vol.)	T-32230-00	$19.00
Print Edition	8-78090-00	$6.00

Patterns: Reading: **Primer Level (Green):**	Catalog Number	Price
City and Farm: Complete Print Kit	6-78100-00	$121.00

Patterns: Reading: **Primer: Complete Print Kit Includes:** Pupil's Text, Worksheets, Print Teacher's Edition for Pupil's Text and Worksheet, Review Worksheets, Print Teacher's Edition for Review Worksheets, Posttest, Print Teacher's Edition for Posttest

Primer items sold separately:		
Pupil's Text (2 volumes)	6-78110-00	$29.00
Worksheets (unbound)	6-78120-00	$29.00
Teacher's Edition for Pupil's Text and Worksheets:		
Braille Edition - only available separately (8 vol.)	T-32100-00	$242.00
Print Edition	8-78110-00	$16.00
Review Worksheets (unbound)	6-78130-00	$14.00
Teacher's Edition for Review Worksheets:		
Braille Edition - only available separately (1 vol.)	6-32110-00	$25.00
Print Edition	8-78130-00	$6.00
Posttest (unbound)	6-78140-00	$15.00
Teacher's Edition for Posttest		
Braille Edition - only available separately (1 vol.)	T-32120-00	$24.00
Print Edition	8-78140-00	$6.00

Patterns: Reading: 1st Reader Level (Yellow):	Catalog Number	Price
New Friends: Complete Print Kit	6-78150-00	$175.00

Patterns: Reading: **First Reader: Complete Print Kit Includes:** Pupil's Text, Worksheets, Print Teacher's Edition for Pupil's Text and Worksheets, Review Worksheets, Print Teacher's Edition for Review Worksheets, Posttest, Print Teacher's Edition for Posttest

First Reader items sold separately:		
Pupil's Text (3 volumes)	6-78160-00	$48.00
Worksheets (unbound)	6-78170-00	$49.00
Teacher's Edition for Pupil's Text and Worksheets:		
Braille Edition - only available separately (13 vol.)	T-32180-00	$360.00
Print Edition	8-78160-00	$23.50
Teacher's Edition for Review Worksheets:		
Braille Edition - only available separately (1 vol.)	T-32190-00	$22.00
Print Edition	8-78180-00	$6.00
Review Worksheets (unbound)	6-78180-00	$24.00
Posttest (unbound)	6-78190-00	$12.50
Teacher's Edition for Posttest		
Braille Edition - only available separately (1 vol.)	T-32200-00	$24.00
Print Edition	8-78190-00	$6.00

***Patterns: Reading:* 2nd Reader Level (Brown):**	Catalog Number	Price
Old and New: Complete Print Kit	6-78200-00	$203.50

***Patterns: Reading:* Second Reader: Complete Kit Includes:** Pupil's Text, Worksheets, Print Teacher's Edition for Pupil's Text and Worksheets, Review Worksheets, Print Teacher's Edition for Review Worksheets, Posttest, Print Teacher's Edition for Posttest

Second Reader items sold separately:		
Pupil's Text (3 volumes)	6-78210-00	$45.00
Worksheets (unbound)	6-78220-00	$79.00
Teacher's Edition for Pupil's Text and Worksheets:		
Braille Edition - only available separately (vol. 12)	6-78205-00	$273.00
Print Edition	8-78210-00	$31.50
Review Worksheets (unbound)	6-78230-00	$18.00
Teacher's Edition for Review Worksheets:		
Braille Edition - only available separately (1 vol.)	T-32250-00	$28.00
Print Edition	8-78230-00	$6.00
Posttest (unbound)	6-78240-00	$12.00
Teacher's Edition for Posttest		
Braille Edition - only available separately (1 vol.)	T-32260-00	$22.00
Print Edition	8-78240-00	$6.00

***Patterns: Reading:* 3rd Reader Level (Gray):**	Catalog Number	Price
Far Away and Long Ago: Complete Print Kit	6-78250-00	$262.00

***Patterns: Reading:* Third Reader:** Complete Print Kit Includes: Pupil's Text, Worksheets, Print Teacher's Edition for Pupil's Text and Worksheets, Review Worksheets, Print Teacher's Edition for Review Worksheets, Posttest, Print Teacher's Edition for Posttest

Third Reader items sold separately:		
Pupil's Text (4 volumes)	6-78260-00	$62.00
Worksheets (unbound)	6-78270-00	$83.00
Teacher's Edition for Pupil's Text and Worksheets:		
Braille Edition - now available!	5-32270-00	$371.00
Print Edition	8-78260-00	$46.00
Review Worksheets (unbound)	6-78280-00	$28.00
Teacher's Edition for Review Worksheets:		
Braille Edition (not available)	not available	--
Print Edition	8-78280-00	$6.00
Posttest (unbound)	6-78290-00	$25.00
Teacher's Edition for Posttest		
Braille Edition (not available)	not available	--
Print Edition	8-78290-00	$6.00

Patterns: Reading Program Library Series

This series is designed for students who have completed the corresponding levels of *Patterns: Reading Program.*

***Library Series Preprimer Level* (Blue):**
Complete Kit (24 braille books):
6-78300-00.....$175.00

Notes for Teachers only:
8-78300-00.....$6.00

Print Edition of Preprimer Pupil's Books (contains the print text for the above 24 books):
8-78301-00.....$11.00

The *Patterns: Reading Program Library Series* contains many interesting and fun stories to help students practice their braille skills.

***Library Series Primer Level* (Green):**
Complete Kit (27 braille books):
6-78310-00.....$209.00

Notes for Teachers only:
8-78310-00.....$6.00

Print Edition of Primer Pupil Books (contains the print text for the above 27 books):
8-78302-00.....$12.00

***Library Series First Reader Level* (Yellow):**
Complete Kit (23 braille books):
6-78320-00.....$214.00

Notes for Teachers only:
8-78320-00.....$6.00

***Library Series Second Reader Level* (Brown):**
Complete Kit (23 braille books):
6-78330-00.....$175.00

Notes for Teachers only:
8-78330-00.....$6.00

***Library Series Third Reader Level* (Gray):**
Complete Kit (22 braille books):
6-78340-00.....$198.00

Notes for Teachers only:
8-78340-00.....$6.00

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And non-U.S. Customers can generate an electronic pro forma invoice automatically!

Patterns: The Primary Braille Spelling and English Program

Teach complete spelling and language skills to primary grade students who will use braille as their main writing medium with this companion program to *Patterns: Reading Program.*

Patterns: Spelling and English is composed of textbooks, posttests, worksheets, and teacher's editions in print and braille. When used with the *Reading Program,* it provides a whole language approach to teaching. Addresses the problems of braille users who must master the braille code as well as learn to communicate in print.

***Patterns: Spelling and English*, Level A, Braille Teacher's Kit.**

- **Level A** corresponds to the Readiness, Preprimer, and Primer Levels of *Patterns: Reading.*
- **Level B** corresponds with the First Reader Level of *Patterns: Reading.*
- **Level C** corresponds to the Second Reader Level of *Patterns: Reading.*
- **Level D** corresponds with the Third Reader Level of *Patterns: Reading.*

Patterns: The Primary Braille Spelling and English Program

Spelling and English: Level A (Green Lettering):	Catalog Number	Price
Print Teacher's Kit, Level A (complete kit)	6-78362-00	$111.00
Braille Teacher's Kit, Level A (complete kit)	6-78363-00	$206.00
Level A items sold separately:		
Texts, Level A (braille only, 3 titles in one volume): ***all the words you can write and spell, All about me, All Around City and Farm***	6-78366-00	$39.00
Print Teacher's Edition, Level A	8-78364-00	$22.00
Braille Teacher's Edition, Level A (9 volumes)	6-78365-00	$120.00
Worksheets, Level A (braille only, unbound)	6-78367-00	$24.00
Posttest, Level A (braille only, 1 vol.)	6-78370-00	$10.00
Posttest, Print Teacher's Edition, Level A	8-78368-00	$16.00
Posttest, Braille Teacher's Edition, Level A	6-78369-00	$13.00

Patterns: The Primary Braille Spelling and English Program continued:

Spelling and English: Level B (Purple Lettering):	Catalog Number	Price
Print Teacher's Kit, Level B (complete kit)	6-78371-00	$93.00
Braille Teacher's Kit, Level B (complete kit)	6-78372-00	$170.00
Level B items sold separately:		
Text, Level B (braille only, 2 vol.): ***Building Blocks***	6-78375-00	$30.00
Print Teacher's Edition, Level B	8-78373-00	$25.00
Braille Teacher's Edition, Level B (8 vol.)	6-78374-00	$101.00
Worksheets, Level B (braille only, unbound)	6-78376-00	$21.00
Posttest, Level B (braille only, 1 vol.)	6-78379-00	$8.00
Posttest, Print Teacher's Edition, Level B	8-78377-00	$9.00
Posttest, Braille Teacher's Edition, Level B (1 vol.)	6-78378-00	$10.00

Spelling and English: Level C (Blue Lettering):	Catalog Number	Price
Print Teacher's Kit, Level C (complete kit)	6-78380-00	$118.00
Braille Teacher's Kit, Level C (complete kit)	6-78381-00	$218.00
Level C items sold separately:		
Text, Level C (braille only, 2 vol.): ***Communicating***	6-78384-00	$34.00
Print Teacher's Edition, Level C	8-78382-00	$24.00
Braille Teacher's Edition, Level C (8 vol.)	6-78383-00	$128.00
Worksheets, Level C (braille only, unbound)	6-78385-00	$33.00
Posttest, Level C (braille only, 1 vol.)	6-78388-00	$12.00
Posttest, Print Teacher's Edition, Level C	8-78386-00	$15.00
Posttest, Braille Teacher's Edition, Level C (1 vol.)	6-78387-00	$11.00

continued on next page

Patterns: The Primary Braille Spelling and English Program continued:

Spelling and English: Level D (Red Lettering):	Catalog Number	Price
Print Teacher's Kit, Level D (complete kit)	6-78389-00	$108.00
Braille Teacher's Kit, Level D (complete kit)	6-78390-00	$210.00
Level D items sold separately:		
Text and Glossary, Level D (braille only): ***Digging Deeper***	6-78393-00	$47.00
Print Teacher's Edition, Level D	8-78391-00	$22.00
Braille Teacher's Edition, Level D	6-78392-00	$121.00
Worksheets, Level D (braille only)	6-78394-00	$25.00
Posttest, Level D (braille only)	6-78397-00	$8.00
Posttest, Print Teacher's Edition, Level D	8-78395-00	$6.00
Posttest, Braille Teacher's Edition, Level D	6-78396-00	$9.00

The Braille Connection

The Braille Connection: A Braille Reading and Writing Program for Former Print Users is designed to teach former adult and teenage print readers how to read braille.

Developed by APH and the National Federation of the Blind (NFB), this program moves quickly through tactual discrimination; on to uncontracted (Grade 1) braille, which corresponds to print; and then through contracted (Grade 2) braille, the standard code for braille books and magazines.

Note: Designed to be used under the supervision of a qualified braille teacher.

***Braille Connection:* Print Kit:**
7-11100-00.....$159.00

Braille Kit: 5-11100-00.....$220.00

Items Available Separately:

***Braille in Brief:* 5-17100-00.....$77.00**

Chart of Braille Contractions:
5-17110-00.....$9.00

Teacher's Edition:
Print: 7-11101-00.....$32.00
Braille: 5-11101-00.....$97.00

Student Workbook:
Uncontracted Braille: 5-11103-00.....$18.00
Contracted Braille: 5-11104-00.....$32.00

Student Practice Book:
Uncontracted Braille: 5-11105-00.....$20.00
Contracted Braille: 5-11106-00.....$33.00

Mentoring Manual:
Print: 7-11102-00.....$14.00
Braille: 5-11102-00.....10.00

Braillewriting Dot by Dot

Most programs teach braille *reading;* this kit focuses on beginning *writing* skills with braillewriters and slate & stylus.

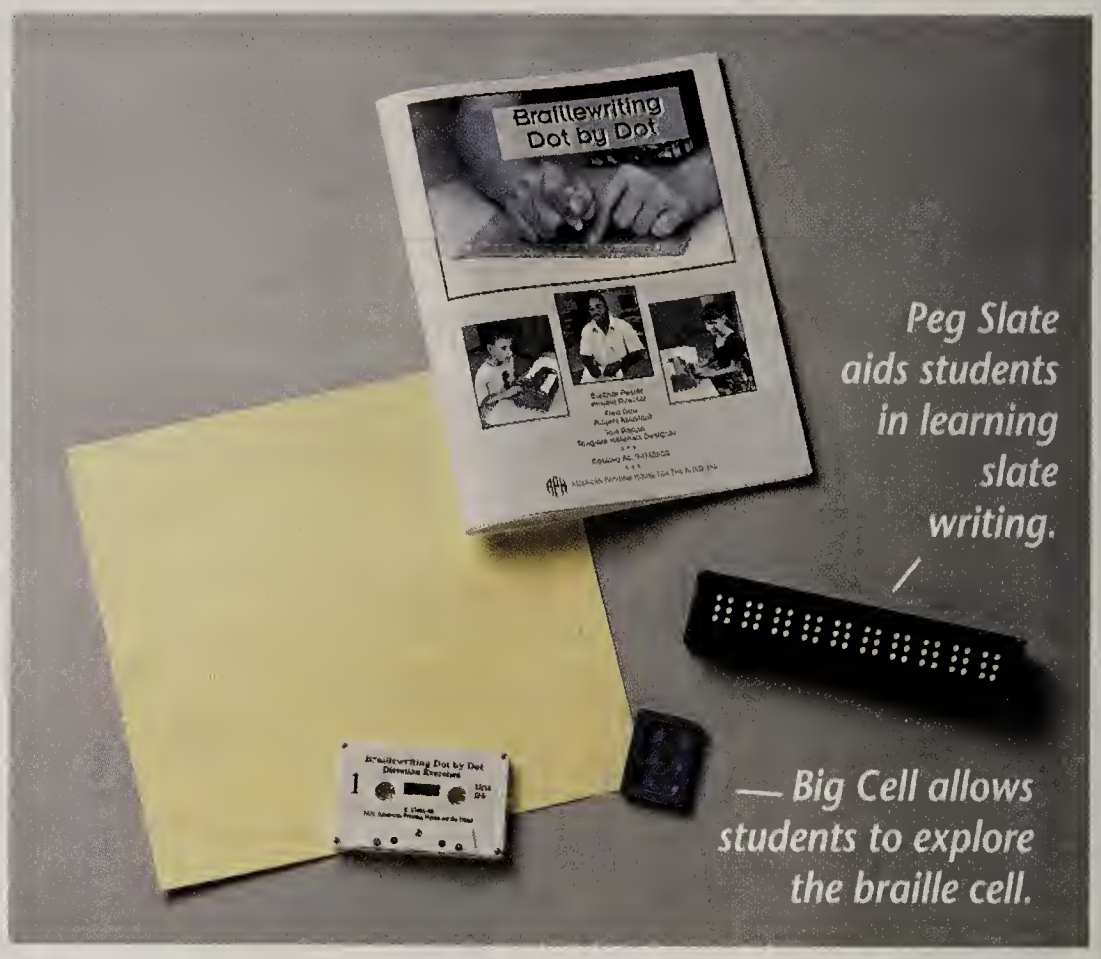
Included:

- **Teacher's Manual** with ten basic lessons in each writing method and three "Beyond the Basics" lessons
- **Exercise Cassette** with dictation exercises
- **Alphabet Etc.** – a braille reference sheet
- **Peg Slate and Big Cell** teaching devices for the slate

Recommended Item That Is Not Included:

Swing Cells teaching devices for the braillewriter (purchased separately – see page 73)

Recommended Ages: 9 years–adult.



Braillewriting Dot by Dot helps students develop braille writing skills. Kits are available in braille (pictured) and print.

Braillewriting Dot by Dot:

Kit with Braille Teacher's Manual:
5-17400-00.....$49.00

Kit with Print Teacher's Manual:
7-17400-00.....$42.00

Items available separately:

Teacher's Edition:
Braille: 5-17401-00.....$23.00
Print: 7-17401-00.....$20.00

Exercise Cassette: C-17401-00.....$2.50

Peg Slate: 1-08830-00.....$16.00

Big Cell: 1-08820-00.....$5.00

Alphabet Etc.: 5-17402-00.....$2.50

Tangible Graphs

Aids in teaching tactile graph reading. Includes:

- Braille student text
- Braille student graph test
- Five sets of braille graph test answer sheets
- Regular print teacher's guide

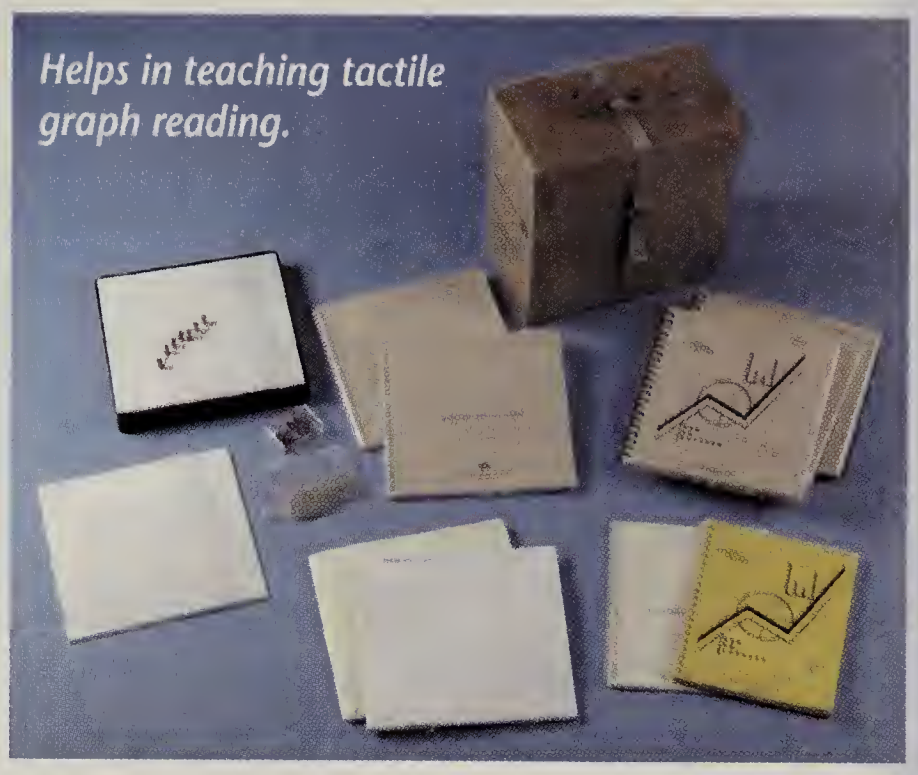
Cork board, five sets of embossed graph sheets, push pins, and rubber bands are included for student graph construction.

Recommended ages: 8 years and older.

Tangible Graphs Kit:
1-08860-00.....$192.00

Items available separately:

Braille Graph Test Answer Sheets (five Braille sets) 6-39520-00.....$25.00



Teach students how to read pictographs, bar graphs, circle graphs, and line graphs.

Print Teacher's Guide
8-39530-00.....$37.50

Embossed Graph Sheets for Cork Board
6-39510-00.....$9.00

Teaching Touch

Teaching Touch helps parents or teachers encourage young children (ages 4–7) who are blind to become active explorers and readers of tactile graphics. Teaching Touch uses real stories to bring important points to life.

Various skills that contribute to exploration and appreciation of tactile graphics are addressed. These include: • tracking • searching • verbal description • use of symbols. Teaching Touch includes a separate booklet that introduces the use of exercise sheets to promote tactile tracking, scanning, and comparison.

Teaching Touch Kit: 1-08861-00.....$29.00

Replacement Large Print Manual:
7-08861-00.....$9.00

Optional Braille Manual: 5-08861-00.....$14.00

The Good Tactile Graphic: A Two-Tape Video Presentation and Booklet

Helps braille transcribers of all skill levels design clear and meaningful tactile graphics. Tapes offer a wealth of information woven into the story of an angel who desperately needs tactile graphics showing him how to operate his wings.

Entertaining and informative video tutorial on creating tactile graphics.

The Booklet

Expands on the videos by providing specific guidelines for the design of tactile graphics, further resources, and samples of some of the tactile graphics depicted in the videos.

***The Good Tactile Graphic* (two VHS videotapes plus booklet): 1-30006-00.....$59.00**

***Guidelines, Resources, and Samples* (booklet only): 7-30006-00.....$24.00**

Tactile Graphics Starter Kit

For those who have little experience in making tactile graphics. Ideal if you need only a limited number of graphics. Use to create maps, graphs, illustrations, and more.

All the materials needed for creating simple tactile graphics.

Contains:

- **Three bottles of craft ink** to draw raised lines
- **Tactually discriminable fabrics and patterns**
- **Paper point symbols** that may be glued to a graphic
- **Alphabetical Index of Braille Signs** for reference in making braille labels
- **Slate and stylus** for making braille labels
- **Print manual** with rules for making tactile graphics, samples of good and bad graphics, bibliography, and more

Tactile Graphics Starter Kit: 1-08839-00.....$34.00

Manual for Tactile Graphics Starter Kit only (regular print) 8-08839-00.....$16.00

Tactile Graphics Kit

The updated Tactile Graphics Kit is an extensive set of materials that allows teachers, transcribers, and mobility instructors to create custom raised-line maps, graphs, diagrams, and charts using a variety of point symbol tongs, areal pattern plates, and line drawing tools. Masters are embossed on heavy aluminum foil and can be reproduced on a vacuum-form machine.

Updated features of the Tactile Graphics Kit include:

1) improved carrying case
2) tri-fold tool pouch
3) modernized and extended guidebook in large print and CD-ROM formats
4) more durable Delrin® line-drawing tools

Extra accessories include a braille slate and stylus, braille eraser, rubber embossing pad, ruler, and foil sheets. Another new feature is that the line drawing tools included in the full kit are also available separately as the Tactile Line-Drawing Tools Kit. Some of these tools can be used to create graphics on both paper and foil.

Tactile Graphics Kit:
1-08851-00.....$210.00

Line-Drawing Tool Kit only (set of 3) tools: 1-08851-01.....$59.00

Replacement *Tactile Graphics Guidebook* Large Print/CD-ROM Edition: 7-08851-00.....$22.00

Line-Drawing Tool Kit

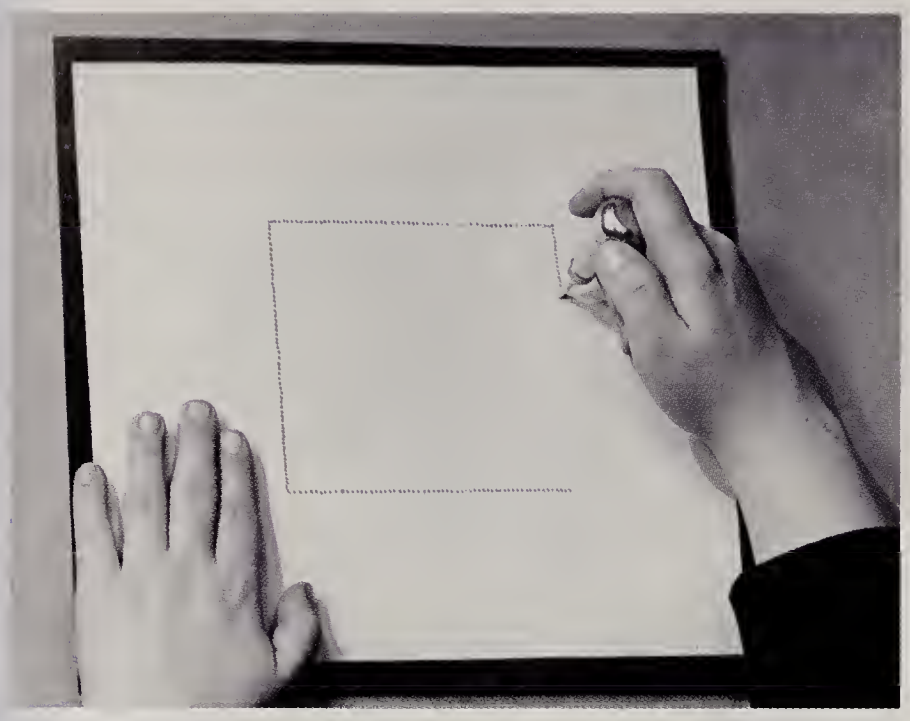
Aluminum Diagramming Foil for Use with Tactile Graphics Kit

For creating masters of raised-line graphics. Foil has white paint on one side for drawing graphics beforehand in pencil or ink. Available in rolls or sheets. Roll is 11 inches wide and approximately 150 feet long. Sheets measure 11 x 11 inches. 30 sheets per package.

Roll 1-04120-00.....$78.00

Sheets 1-04090-00.....$21.00

Choose aluminum diagramming foil in sheets or rolls for producing tactile graphic masters.



Swail Dot Inverter

Construct simple diagrams, graphs, maps, etc. by embossing a series of single dots.

Includes a special metal stylus and a 12 x 12 inch rubber pad. Braille paper (sold separately) is placed on top of the pad. Special stylus allows dots to be embossed up towards the user by puncturing the paper on the down stroke and then pulling the dot upwards on the up stroke (leaves an undetectable hole in the dot). Works best with Brailon® plastic braille paper.

Recommended ages: 5 years and older.

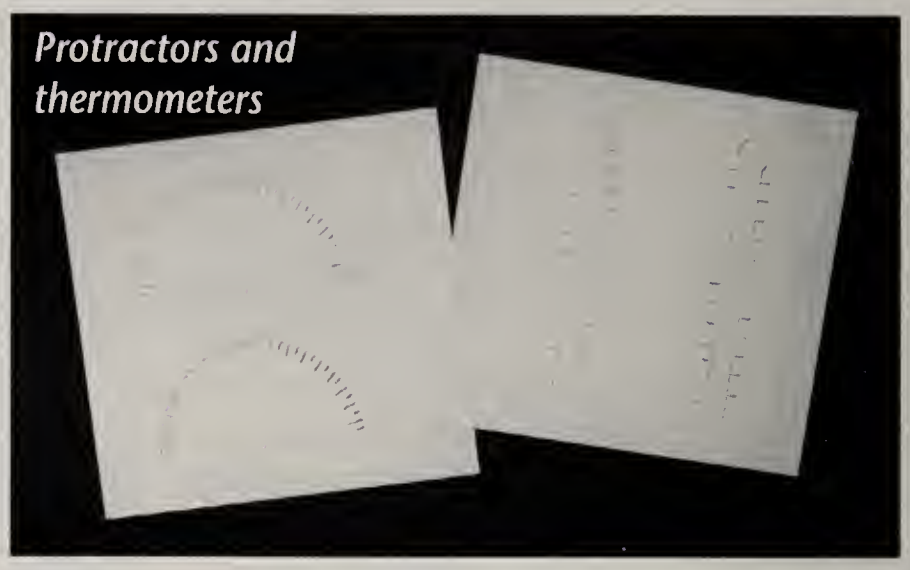
Swail Dot Inverter:
1-03610-00.....$35.00

Replacement Rubber Pad:
1-03620-00.....$9.00

Braille Transcriber's Kit: U.S. Maps

The Braille Transcriber's Kit: U.S. Maps is a collection of embossed and printed drawings of figures commonly found in history, geography, and social studies textbooks.

The embossed sheets may be used as templates for thermoforming. Add to them with spur wheel lines, craft ink, glued-on textures, braille labels, and other tactile graphics materials.



Sample pages from the Braille Transcribers' Kit: Math

Braille Transcribers' Kit: Math

Make braille transcription of elementary math books quicker with this collection of raised-line graphics of commonly occurring figures.

Master sheets contain five each of: rulers, number lines, protractors, unlabeled thermometers, and clock faces, as well as three sizes of low-relief graph paper. Master sheets can be thermoformed to provide multiple copies of figures. Embossed on white braille paper measuring 11 1/2 x 11 inches.

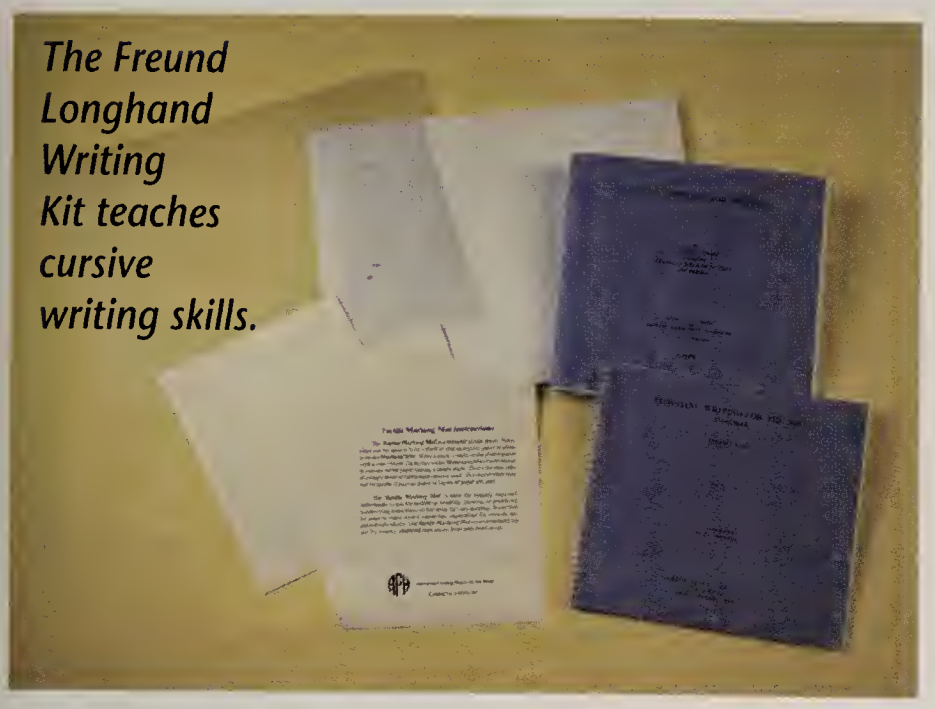
1-04100-00.....$14.00

The printed maps may be used as outlines for tracing or as masters for "swell paper" tactile graphics.

Maps include:

- North America, including Canada, the United States, and Mexico
- U.S. outline (Alaska and Hawaii included, not to scale)
- U.S. with 50 states outlined
- Western region states
- Eastern region states
- Original 13 colonies

Braille Transcriber's Kit: U.S. Maps:
1-04101-00.....$12.00



The Freund Longhand Writing Kit teaches cursive writing skills.

Freund Longhand Writing Kit

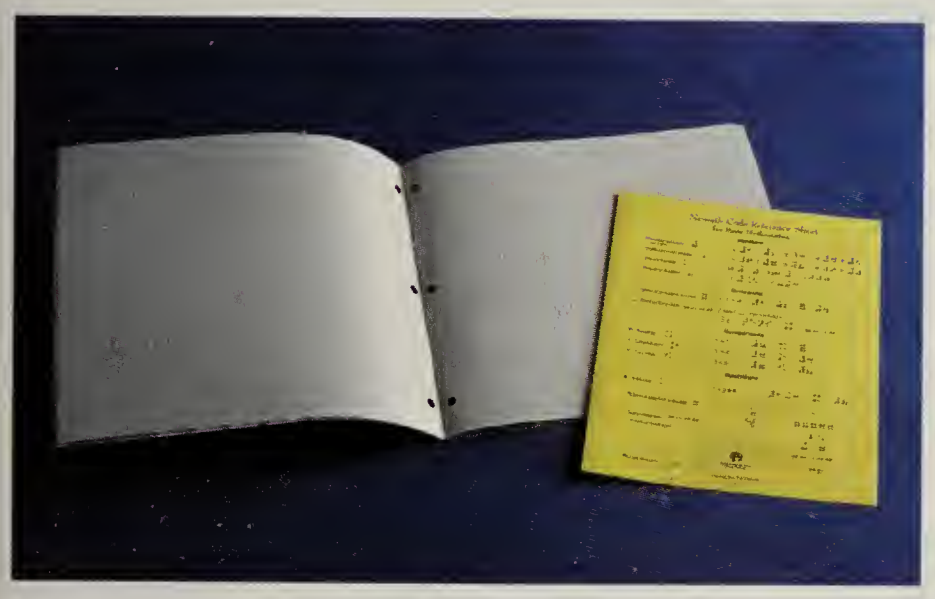
Helps students learn cursive writing. Includes an embossed workbook for practicing the alphabet, a Tactile Marking Mat (also available separately), a pad of 100 sheets of embossed-line paper for use with the Marking Mat, and a manual in both regular type and braille. Recommended ages: 8 years and older.

Freund Kit: 1-03330-00.....$61.00

Items available separately:

Teacher's Manuals:
Braille 5-73970-00.....$20.00
Print 7-73970-00.....$15.00

Longhand Writing Paper (100 sheet pads):
Embossed 1-03340-00.....$13.00
Plain 1-03270-00.....$6.00

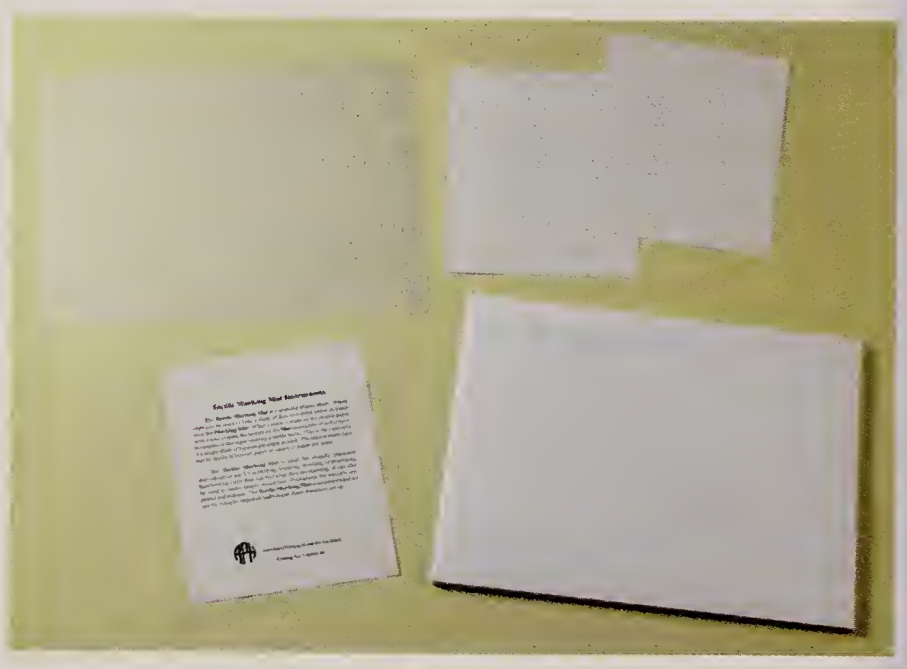


Nemeth Code Reference Sheet for Basic Mathematics

Listing of common symbols from the Nemeth Braille Code for Mathematics. Shows symbols in use. Groupings include: • Numbers • Omissions • Comparisons • Operations • Money • Geometry • Fractions • Other Related Symbols.

***Nemeth Code Reference Sheet*, Print Edition: 7-87500-00.....$2.50**

***Nemeth Code Reference Sheet*, Braille Edition: 5-87400-00.....$7.00**

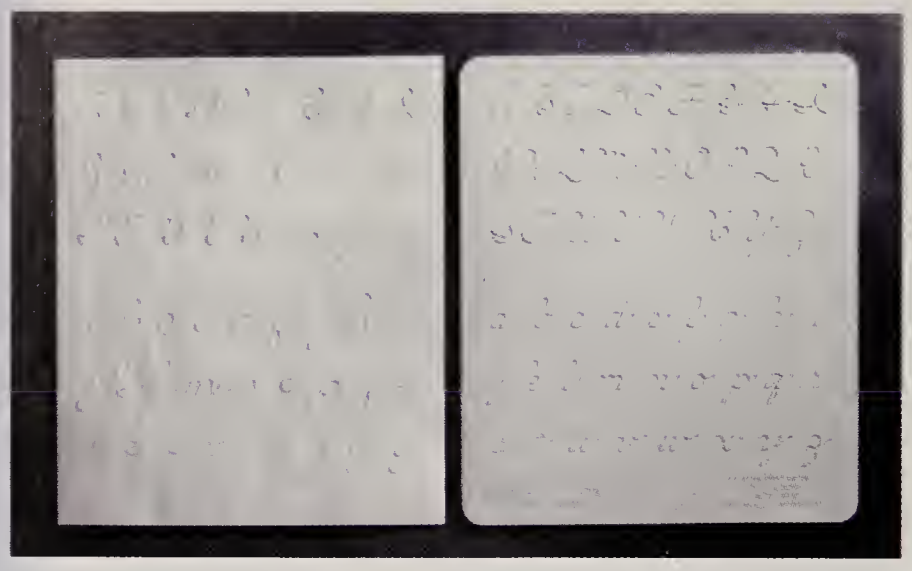


Tactile Marking Mat

A 17 x 13 1/2 inch textured plastic sheet for use with included embossed-line Longhand Writing Paper or other thin paper. Mat's texture causes wax crayon marks to be tactile. Use for drawing, practicing handwriting, and creating simple diagrams. Includes 100 sheets of paper. Instructions in print and braille.

Recommended ages: 3 years and up.

Tactile Marking Mat:
1-03331-00.....$23.50



Script Letter Sheet and Board

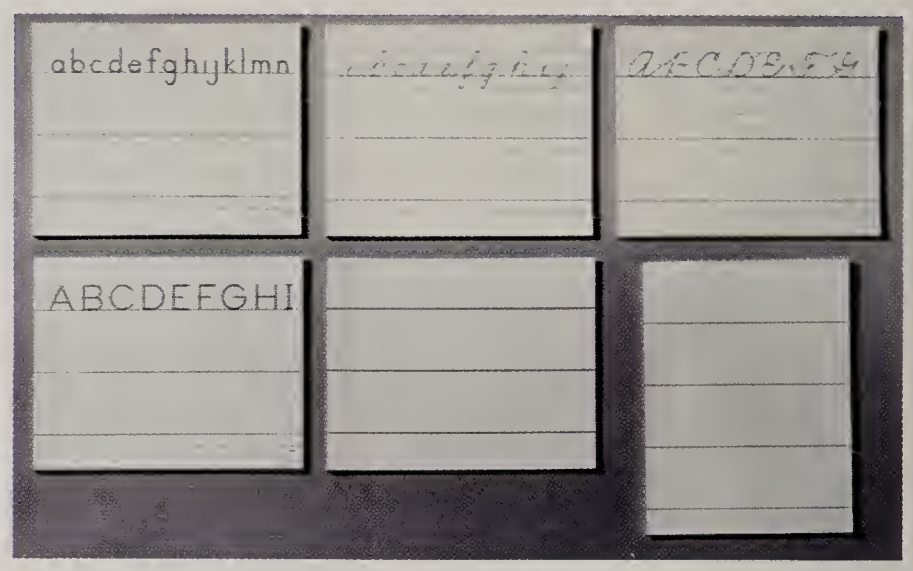
Students can explore and trace upper and lower case letters, about 3/4 inch high, with these two related products, sold separately. Recommended ages: 10 years and older.

Script Letter Sheet: Alphabet of script (cursive) letters embossed on a sheet of white braille paper. Pack of 100 sheets.

1-04041-00.....$10.00

Script Letter Board: Use a pencil to trace the incised script (cursive) letters on this stiff white plastic board. Rubber pads prevent slipping.

1-04060-00.....$7.00



Beginner's Writing Paper

Special paper helps students practice manuscript and cursive writing. Top of sheet is printed with a sample alphabet, followed by bold lines for practice. Printed on white paper with black ink, measures 11 x 8 1/2 inches. Plain (no alphabet) is also available.

Recommended ages: 5 years and older.

Beginner's Writing Paper (padded, 100 sheets):
Upper Case Cursive
1-04890-00.....$5.00
Lower Case Cursive
1-04900-00.....$5.00
Upper Case Manuscript
1-04910-00.....$5.00
Lower Case Manuscript
1-04920-00.....$5.00

Plain Beginner's Writing Paper (Approx. 500 sheets):
8 1/2 Inch Wide: 1-04731-00.....$16.00
11 Inch Wide: 1-04741-00.....$16.00

Embossed Pencil Writing Paper

Provides heavy raised lines to guide students or adults in handwriting. 22 lines per each sheet. Measures 8 3/4 x 10 1/2 inches and is in pads of approximately 165 sheets.

1-04560-00.....$12.00

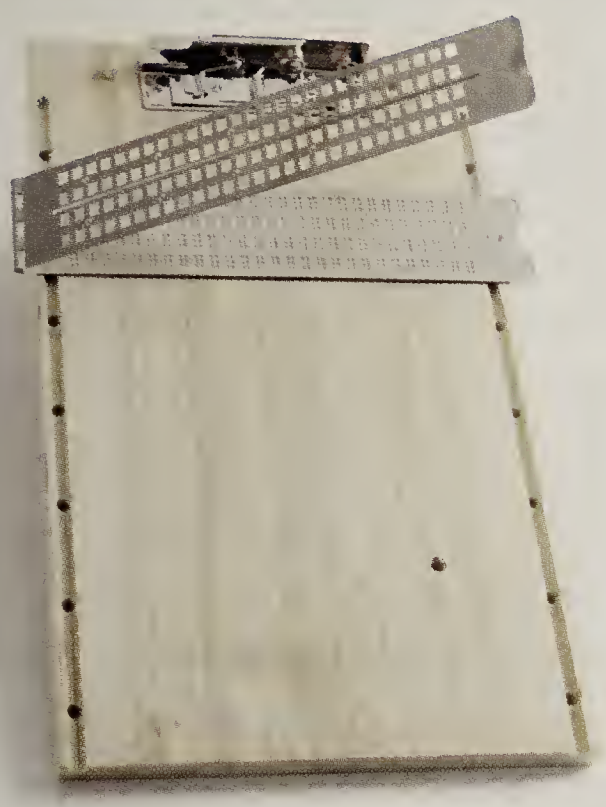
APH offers a wide variety of slates and other unique devices for writing braille and print. Please feel free to consult the chart on page 92.

Braille Slates, Styluses, and Erasers

Note: All slates include a stylus. A complete listing can be found on the next page.

Recommended ages for all slates: 6 years and up.

Examples of some our slates and related items.



27 Cell Desk Slate: 1-00060-00

After writing four lines, open the slate and slide it down until the pegs fit into the next set of holes, and continue writing (up to 28 lines).

Flat Stylus

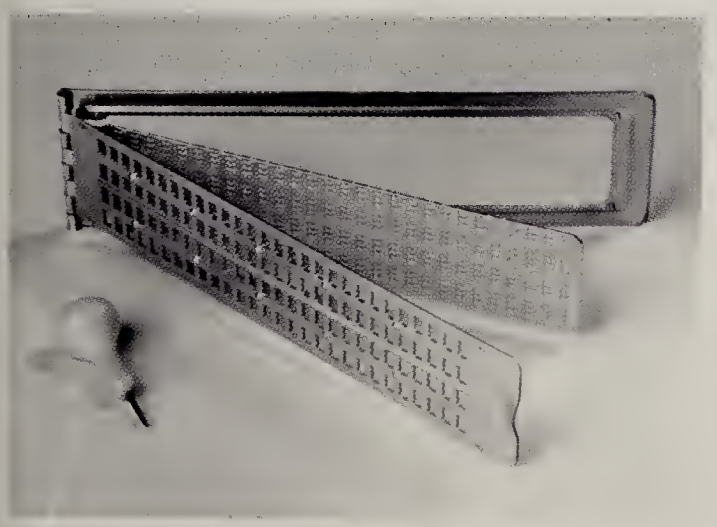
This thin stylus can be easily kept in the pocket of a notebook or binder and is flat to prevent rolling. It comes in two color-coded sizes.

Large Yellow Flat Stylus: 1-00121-00.....$2.50

Small Green Flat Stylus: 1-00122-00.....$2.50

Brown Slate & Stylus: 1-00170-00

Back can be opened to allow for reading the braille without having to remove the paper from the frame. Lightweight metal slate has 28 cells per line and measures 8 3/8 x 2 1/4 inches.



SlateHolder

Rugged vinyl carrying case will hold any APH Pocket or Postcard Slate. Second pocket holds two styluses or wooden erasers. Flap seals with hook/loop material. Belt loop and holes that fit a
3-ring binder. Measures approximately 3 1/2 x 9 inches.

Slates and styluses sold separately.

1-00082-00.....$5.00

Slates, Styluses, and Erasers Chart

		Description (Stylus)	Size in Inches	Catalog No.	Price
Braille Slates					
Lightweight Aluminum Slates		28 Cell, 4 Lines (S)		**1-00084-00**	$9.95
		37 Cell, 4 Lines (S)		**1-00085-00**	$9.95
		19 Cell, 6 Lines (F)		**1-00083-00**	$9.95

Please Note: *The above three slates are not available for purchase with Federal Quota funds. All other APH slates below are available with Federal Quota funds.*

4x6 Interpoint		21 Cell, 9 Lines, Plastic (S)	6 1/2 x 4	**1-00088-00**	$9.00
Janus Interline		19 Cell, 11 Lines, Plastic (S)	5 1/2 x 3 1/2	**1-00050-00**	$5.00
Desk	41 Cell	Heavyweight Metal/Wood (L)	10 1/4 x 12 1/4	**1-00030-00**	$84.00
	27 Cell	Heavyweight Metal/Wood (L)	7 x 12 1/4	**1-00060-00**	$69.00
Brown	28 Cell	Lightweight Metal (L)	8 3/8 x 2 1/4	**1-00170-00**	$59.00
Correcting	No Pins	38 Cell, Heavyweight Metal (L)	11 1/4 x 1 3/4	**1-00130-00**	$43.00
Pocket	Interpoint	28 Cell, Lightweight Metal (L) Slotted for Labeling Tape	8 1/4 x 1 3/4	**1-00081-01**	$39.50
	Pins Down	28 Cell, Lightweight Metal (L)	8 1/4 x 1 3/4	**1-00090-00**	$41.00
	Pins Up	28 Cell, Plastic (L)	8 1/4 x 1 3/4	**1-00080-00**	$7.00
	Pins Up	28 Cell, Heavyweight Metal (L) Slotted for Labeling Tape	8 1/4 x 1 3/4	**1-00160-00**	$28.00
Postcard	Interpoint	19 Cell, Lightweight Metal (L)	6 x 1 3/4	**1-00110-00**	$44.00
	Pins Up	19 Cell, Lightweight Metal (L)	6 x 1 3/4	**1-00180-00**	$42.00
Braille Styluses (all have a metal point)					
Large Handle		Wooden, Side of Handle is Flat	2 3/8 x 7/8	**1-00200-00**	$2.50
Small Handle		Wooden	1 7/8 x 3/4	**1-00220-00**	$2.50
Saddle-Shaped		Plastic, Concave Dip in Handle	2 5/8 x 1 1/4	**1-00120-00**	$2.50
Large Yellow Flat		Fits in notebook		**1-00121-00**	$2.50
Small Green Flat		Fits in notebook		**1-00122-00**	$2.50
Braille Erasers					
Wooden			2 1/2 long	**1-00270-00**	$3.00
Plastic		One Broad, One Narrow End	5 long	**1-00280-00**	$2.50

Stylus Key for Slates:

L - Large Handle S - Saddle F - Flat

Perkins Brailler

Classic machine is a precision-made brailler which will accommodate paper up to 11 1/2 x 14 inches. Embosses 25 lines of 41 cells on 11 1/2 x 11 inch paper. Frame is aluminum, keys are high-impact plastic. Includes cover, braille eraser, and braille quickstart instructions.

The durable Perkins has been in use for over 50 years and sets the standard for mechanical braille writers.

Recommended ages: 3 years and up.

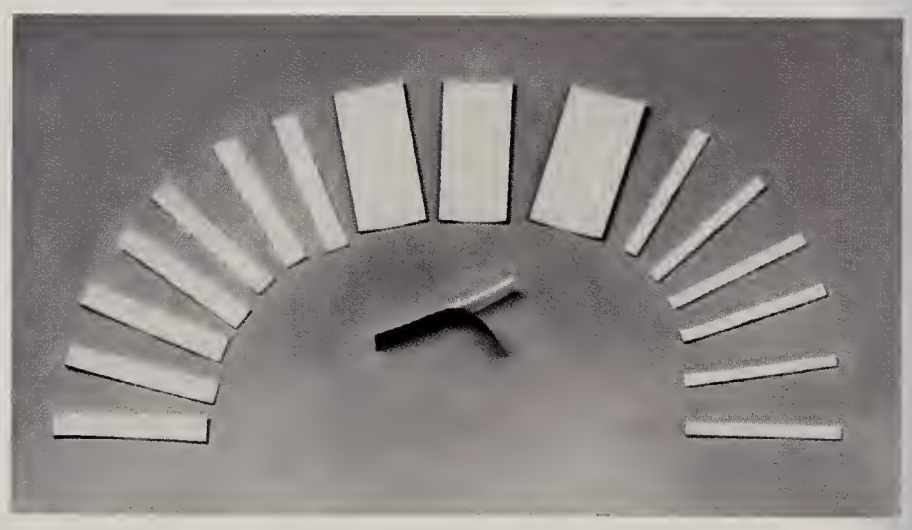
Note: Young children should be supervised during exploration and pre-braille activities.

1-00850-00.....$725.00

Stokes Braille Place Holder

Device marks the spot where you stopped reading on a braille page. Consists of a sheet of brightly-painted metal measuring 11 x 9 1/2 inches and a strip of magnetic plastic. Metal sheet slips under the braille page and the magnet is placed at the last line read.

1-03590-00.....$18.00



APH Friction Pad Kit

Three assorted sizes of self-adhesive, plastic foam strips. Apply to the bottom of devices such as abacuses or desk slates, which tend to slip while in use.

1-03190-00.....$15.00

Covers for Braille Documents

Plastic covers measure 11 3/4 x 11 inches and are designed to bind 11 1/2 x 11 inch braille pages. May be bound with a 19-ring comb binding or twin loop binding. Will bind tractor-feed or manila 19-hole papers available from APH.

Royal Blue Covers: 1-04010-01.....$2.50/pair

Clear Frosted Covers: 1-04010-02.....$2.50/pair

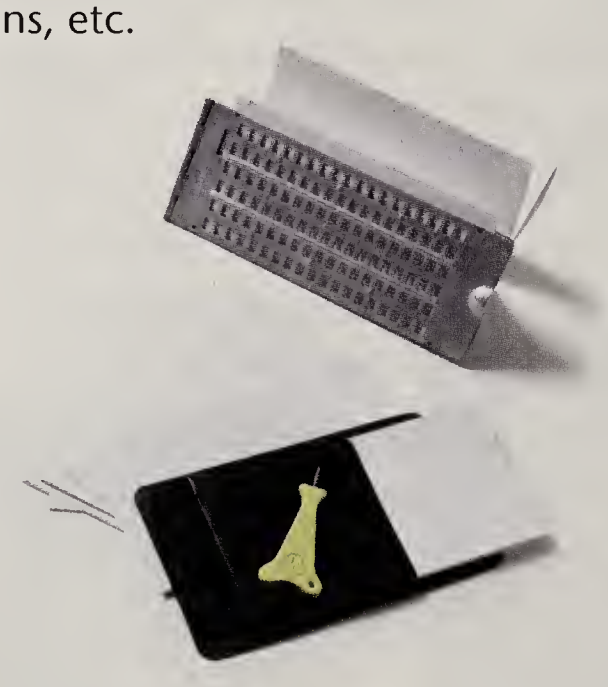
QuickBraille Kit

The QuickBraille kit consists of a six-line by 19-cell slate, 10 six-section sheets of perforated fanfold paper, and APH's new Flat Stylus housed in a pocket pouch.

Load one perforated section into the slate and put it in the pocket pouch ready for use in an instant to jot down telephone numbers, reminders, directions, etc.

QuickBraille Kit:
1-00086-00.....$12.50

Accordion Paper Refill (10 sheets of 6 notes each):
1-00086-01.....$4.00



Mailing Envelopes for Braille

Designed for mailing or storing brailled sheets up to 11 1/2 x 11 inches. White, blank envelopes with self-sealing flaps. Measure 12 1/2 x 12 1/2 inches. Will hold approximately 30 sheets. 25 pack.

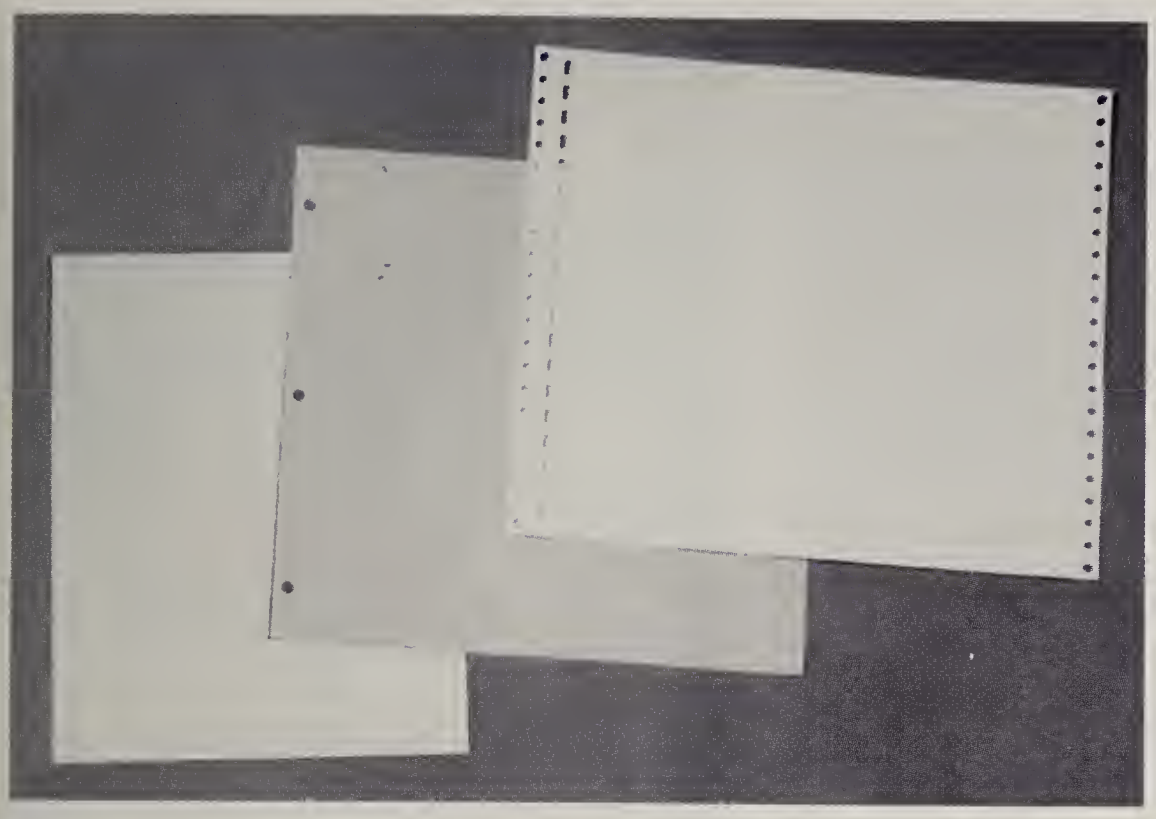
1-04230-00.....$5.00

Student Starter Pack

REVISED!

APH is offering a kit of basic braille materials packaged for students who are taking beginning braille classes. It includes 150 sheets of 8 1/2 x 11 manila transcribing paper, 150 sheets of 11 1/2 x 11 manila transcribing paper, a 4-line 28-cell aluminum slate with Saddle Stylus, and a Cranmer abacus. Although originally designed for university students, this is a great beginner pack for any student or adult.

Student Starter Pack:
1-00350-00.....$42.00



Braille Paper Chart

APH offers a wide array of braille paper for use with slates, braillewriters, computer braille embossers, and vacuum-form machines.

Note: All sheet quantities are approximate; all sizes are in inches.

White Braille Paper

This 80# paper is for use with braille slates and braillers.

3 3/4 x 5 3/4	6-Hole Punch, 250 sheets. Fits in Pocket Notebook	**1-04390-00**	$5.00
8 1/2 x 11	Unpunched, 200 sheets.... All 28-Cell Slates	**1-04151-00**	$6.00
	3-Hole Punch, 150 sheets	**1-04401-00**	$5.00
11 1/2 x 11	Unpunched, 150 sheets.... 38 or 41-Cell Slate, or brailler.	**1-04221-00**	$6.00
	3-Hole Punch, 110 sheets	**1-04471-00**	$5.00

White Fanfold Tractor-Feed Braille Transcribing Paper

Low dust. For use with computer-driven braille embossing devices. It has a smooth surface. Tractor-feed holes may be torn off. 100# paper.

11 1/2 x 11	Unpunched, 1000 sheets	**1-04139-00**	$46.00
	Both 3-Hole and 19-Hole Punch, 1000 sheets	**1-04140-00**	$46.00

Manila Braille Transcribing Paper

Heavyweight 100# paper, for use with slates and braillewriters, holds dots well and can be used to create braille masters for vacuum-form machines.

8 1/2 x 11	Unpunched, 500 sheets....	**1-04530-00**	$16.00
	3-Hole Punch, 500 sheets	**1-04660-00**	$20.00
11 1/2 x 11	Unpunched, 500 sheets....	**1-04540-00**	$20.00
	3-Hole Punch, 500 sheets	**1-04680-00**	$22.00
	19-Hole Punch, 500 sheets	**1-04650-00**	$25.00

Braille Pocket Folders

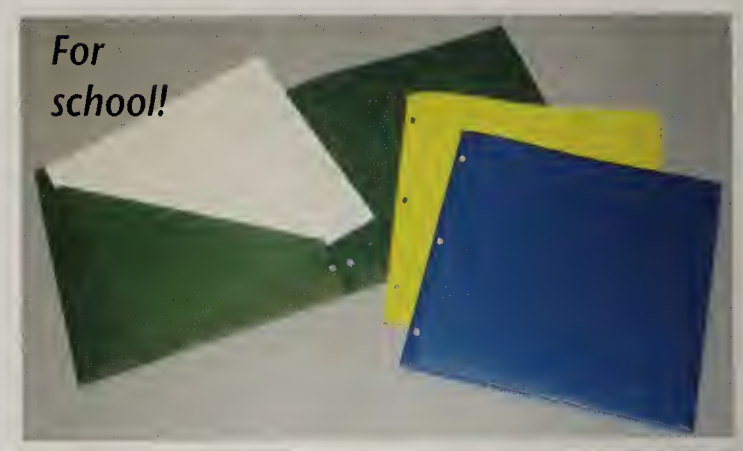
Will hold 11 1/2 x 11 inch braille sheets. Has slant-cut pockets. Punched for 3-ring binder. Made of durable, flexible plastic.

Student pack has 3 folders, 1 each: green, blue, and yellow, to match the Floppy Braille Binders below.

Office pack has 3 folders, 1 each: red, gray, black.

Braille Pocket Folders, Student Pack:
1-04294-00.....$8.00

Braille Pocket Folders, Office Pack:
1-04293-00.....$8.00


For school!

For the office!

Floppy Braille Binder

Durable plastic 3-ring binder designed to hold 11 1/2 x 11 braille sheets. Flexes to fit easily into a backpack. Has an inside pocket. Includes 3 binders, 1 each: green, blue, yellow.

Floppy Braille Binder: 1-04295-00.....$10.50

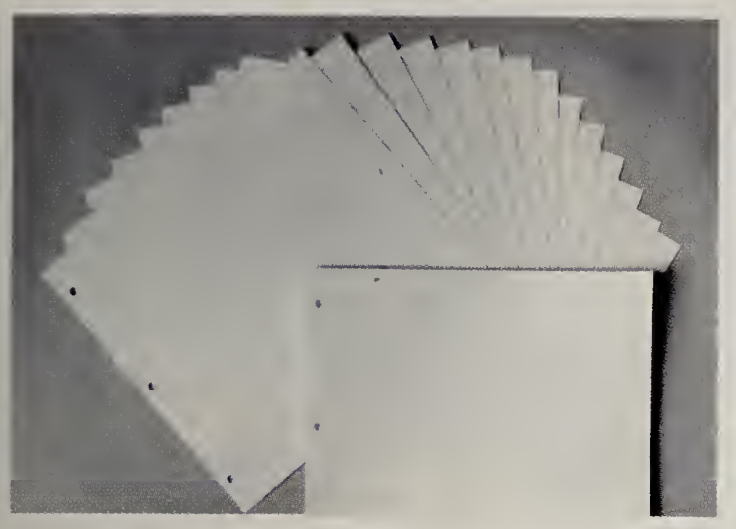
Braille Notebooks, 3-Ring

Two popular sizes. Made of heavy-duty board covered with vinyl. Will hold approximately 100 sheets of braille paper.

Azure Blue, for 8 1/2 x 11 inch braille paper
1-04320-00.....$8.00

Note: Azure Blue Notebook not available on Quota.

White, for 11 1/2 x 11 inch braille paper
1-04380-00.....$9.00



Dividers for Braille, 3-Hole Punch

Dividers will fit the Azure Blue or the White 3-Ring Braille Notebooks. Are a heavy manila stock with an extra 1/2 inch edge that can be brailled with the subject of the division. 15 dividers per pack.

9 x 11 inches (for Azure Blue Notebook): 1-04225-00.....$3.50

12 x 11 inches (for White Notebook): 1-04226-00.....$3.50

Pocket-Size Notebook, 6-Ring

Bound in imitation leather. Will hold approximately 50 sheets of 3 3/4 x 5 3/4 inch braille paper (not included). Has a pocket designed to hold a Postcard Slate and a cloth page marking strip. Stylus can be tied to the cloth strip. New tabs make this notebook an organizer (sold separately).

Pocket Notebook: 1-04280-00.....$6.50

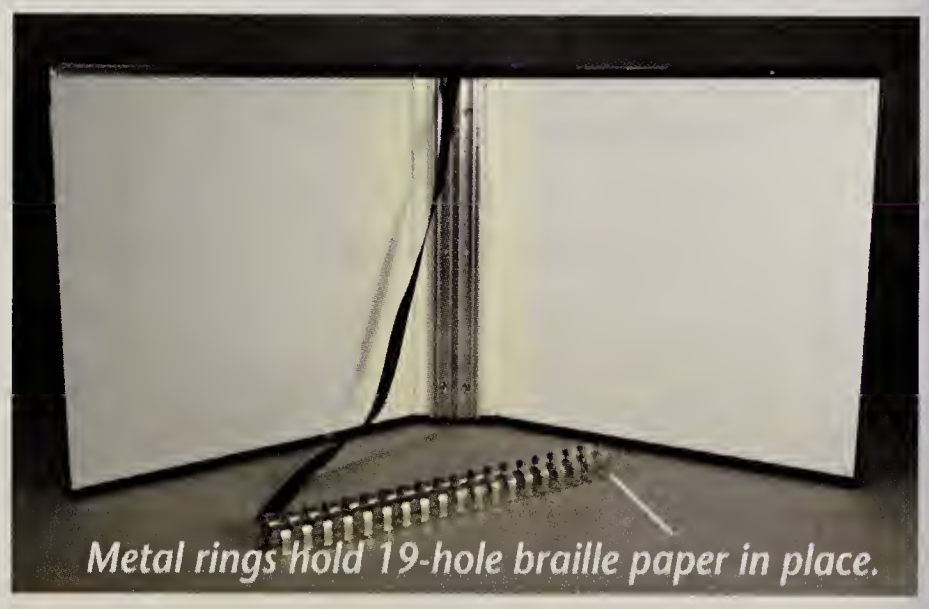
Filler Paper for Pocket Notebook (approximately 250 sheets): 1-04390-00.....$5.00

New **Pocket Notebook Tabs (Two sets of tab pages, 3-cut tabs): 1-04389-00.....$5.00**

Postcard Slate/Stylus and braille filler paper sold separately.

Krebs' Binders, 19-Ring

Come in three sheet capacities and are made of heavy-duty board covered with imitation leather. Will hold 11 1/2 x 11 inch 19-hole punched braille paper. Binder ring assembly consists of a metal back plate, metal rings, and a locking pin. Pins also sold separately.



Metal rings hold 19-hole braille paper in place.

60 sheet capacity: 1-04240-00.....$12.00

80 sheet capacity: 1-04250-00.....$14.00

105 sheet capacity: 1-04260-00.....$15.00

Locking Pin (pack of 120) 1-04271-00.....$5.00

Loose-Leaf Binder, 19-Ring

Binder with a plastic cover, designed to hold 11 1/2 x 11 inch 19-hole punched braille paper. Holds approximately 50 sheets.

1-04290-00.....$14.00

Spiral Pocket Notebook

Each notebook contains 50 pages of 80 pound white braille paper. Spiral binding makes it easy to handle.

Notebook measures 3 x 5 1/2 inches. Sheets are perforated and measure 3 x 5 inches when removed. Works easily with APH's Janus Slate. Six notebooks per package.

1-04301-00.....$11.50

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APH Textbooks Through ATIC

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- 18 pt minimum font size
- In full color

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or 1-800-223-1839, ext. 371

ATIC also produces braille textbooks.

Janus Slate and Saddle-Shaped Sylus

1-00050-00.....$5.00

Bold Print Paper

Makes it easier for users with low vision to complete written tasks.

Note: All sheet quantities are approximate; all sizes are in inches.

Boldline Spiral Notebook

Looks like the type all students carry, but has bold line paper inside. Has 100 sheets of 8 1/2 x 11 paper, with 9/16" line spaces. In "surprise" cover colors! Note: Not in assorted colors. **1-04825-00**.....**$5.00**

Bold Line Notebook Paper

Black lines printed on white paper with a left-hand margin. Two styles: in a pad with no punching or in loose sheets punched for a 3-ring binder.

Padded

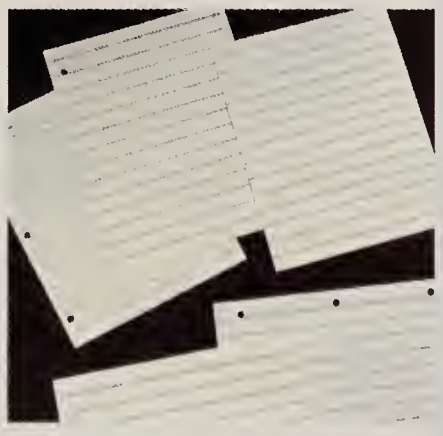
8 1/2 x 11	7/16" line spacing, Unpunched, 500 sheets	**1-04791-00**	$16.00
	9/16" line spacing, Unpunched, 500 sheets	**1-04801-00**	$16.00

Loose Sheets

8 1/2 x 11	7/16" line spacing, 3-hole Punch, 500 sheets	**1-04851-00**	$16.00
	9/16" line spacing, 3-hole Punch, 500 sheets	**1-04861-00**	$16.00

Green-Lined Writing Paper for Primary Students

Off-white paper printed with bold green lines. 300 sheets per package.



8 1/2 x 11	3/4" lines, Unpunched	**1-04831-00**	**$12.50**
	3/4" lines, 3-Hole Punch	**1-04869-00**	**$12.50**
	7/16" lines, 3-Hole Punch	**1-04872-00**	**$12.50**
11 x 8 1/2	3/4" lines, Unpunched	**1-04841-00**	**$12.50**
	3/4" lines, 3-Hole Punch	**1-04881-00**	**$12.50**

Bold Line Letter-Writing Paper

Bold, black lines printed on white paper without margin. Padded—500 sheets per pad.

8 1/2 x 11	7/16" line spacing, Unpunched	**1-04811-00**	$16.00
	9/16" line spacing, Unpunched	**1-04821-00**	$16.00

Antique Ivory Opaque Paper for Large Type

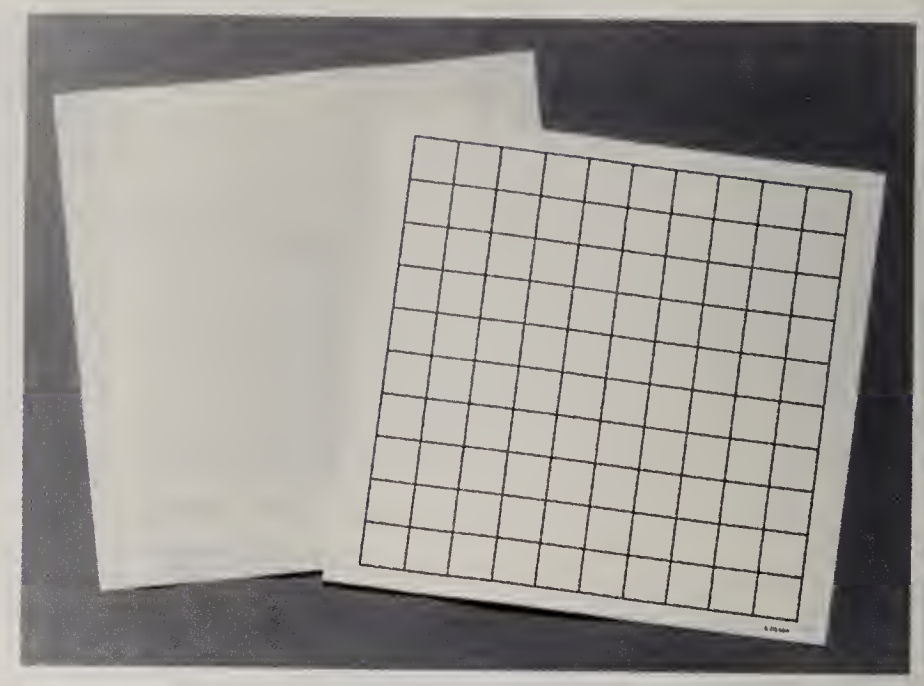
Ivory colored, unlined paper for good contrast—great for photocopying large type documents.

8 1/2 x 11	500 sheets	**1-04500-01**	$16.00
11 x 14	500 sheets	**1-04500-05**	$20.00
11 x 17	500 sheets	**1-04500-00**	$25.00

Graph Sheets and Progress Charts

Bold-line graph sheets have thick unit lines and thinner sub-unit lines. 100 sheets per package.

Embossed graph sheets have braille dot grids on manila paper. Embossed graph sheets and progress charts have 50 sheets per package.



Squares	Grid	Details	Bold-Line	Embossed
8 1/2 x 11:				
1/4"	31 x 40		**1-04062-00...$10.00**	**Not Available (NA)**
1/2"	15 x 20	Coordinate Axes	**1-04061-00...$10.00**	**1-04052-00...$10.00**
1/2"	15 x 20	For Bar Graphs	**1-04063-00...$10.00**	**1-04053-00...$10.00**
3/4"	10 x 13		**1-04064-00...$10.00**	**1-04054-00...$10.00**
1"	7 x 10		**1-04065-00...$10.00**	**1-04055-00...$10.00**
11 1/2 x 11:				
1/2"	19 x 20		**1-04067-00...$10.00**	**1-04056-00...$10.00**
1/2"	18 x 21	1" margin on 3 sides	**NA**	**1-04059-00...$10.00**
3/4"	13 x 13		**NA**	**1-04057-00...$10.00**
1"	10 x 10		**1-04069-00...$10.00**	**1-04058-00...$10.00**
Progress Charts (vertical axis = % of correct answers, horizontal axis = exercises 1-15):				
Braille	16 x 15	11 1/2" x 11"	**NA**	**1-04050-00...$10.00**
Large Type	16 x 15	8 1/2" x 11"	**1-04073-00...$10.00**	**NA**

Low-Relief Embossed Graph Sheets

For teachers and transcribers to use in making charts and graphs. Grid is embossed on 80 pound braille paper measuring 11 1/2 x 11 inches with margins. Comes in four varieties. 25 sheets per package.

Squares	Grid		
0.4"	19 x 19	**1-04046-00**	**$4.00**
1/2"	19 x 19	**1-04047-00**	**$4.00**
5/8"	15 x 15	**1-04048-00**	**$4.00**
3/4"	13 x 13	**1-04049-00**	**$4.00**

Expanded Core Curriculum:

Visual Efficiency and Low Vision

Visual Efficiency Skills

The visual acuity of children diagnosed as visually impaired varies greatly. With thorough, systematic training, most students with functional vision can learn to use their remaining vision better and more efficiently. Educational responsibility for performing a functional vision assessment, planning appropriate learning activities for effective visual use, and teaching students to use their functional vision effectively and efficiently falls to the professionally prepared teacher of visually impaired learners.

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PocketViewer

The PocketViewer is a portable, hand-held, battery-operated video magnifier that provides up to 7X magnification on a 4-inch black & white flat screen. It is lightweight, can be held in one hand, and fits into a coat pocket or purse. PocketViewer offers a much wider viewing area than a 7X hand-held lens-type magnifier. The flip of a switch changes the screen image from white-on-black to black-on-white. Recommended ages: 15+

PocketViewer: 1-07560-00.....$745.00

Not available for purchase with Quota Funds

Primer™ Your First Electronic Magnifier

Primer is a light-weight, hand-held electronic magnifier that connects in minutes to any television set. Magnification depends on the size of your TV. For example, a 20-inch TV will let you magnify from 8x to 15x.

Features:

Displays black and white images in normal, positive enhanced, or negative enhanced. Lightweight easy-to-hold camera/controller. CCD camera, auto-focus, lifetime lamps, tracking roller, one button control. Automatic switching between TV viewing and magnification.

Primer, Black & White Model: 1-03929-00.....$295.00

Primer PC Connection

Connects the Primer to any *Windows*®-based computer (desktop or laptop) with a USB port. Included software (requires *Windows 98* or later) provides additional magnification, split-screen capabilities, and window positioning. No extra wires or power supply needed.

Primer PC: 1-03923-00.....$200.00

NOTE:
Primer and Primer PC not available for purchase with Federal Quota funds. Shipping charge added -- please call for more information.

Magni-Cam™ Electronic Magnifier

For greater magnification than the Primer, two MagniCam models are available:

- Model that displays black & white only
- Triad model that displays color, enhanced color, or black & white

The 7-ounce hand-held camera connects to your TV set for viewing enlarged documents on screen, such as photographs, medicine labels, stock quotes, etc. Features include:

- Lightweight hand-held camera/controller.
- Built-in lifetime lamps.
- Variable magnification up to 2 times screen size with autofocus. (For example, a 27 inch TV lets you magnify from 9x to 54x.)

Included with either basic Magni-Cam Model:

- Camera/Controller and Video Processor Box
- Cable for connecting to your TV or computer monitor (adapter needed for computer)
- Power adapter (optional 220 volt power supply available for international use)
- Spacer blocks for instant magnification adjustment and writing under the camera
- Adjustable height rollers for easy tracking across a page
- Instructions in large print and on videotape
- One year warranty

Magni-Cam Black & White Model: 1-03920-00.....$695.00

Magni-Cam Triad Color Model: 1-03928-00.....$995.00

Optional Items for Either Model:

Carrying Case for Basic Magni-Cam Parts: 1-03921-00.....$10.00

Table Clamp for hands-free work: 1-03922-00.....$15.00

6 1/2 inch Flat Screen with Case: 1-03924-00.....$700.00

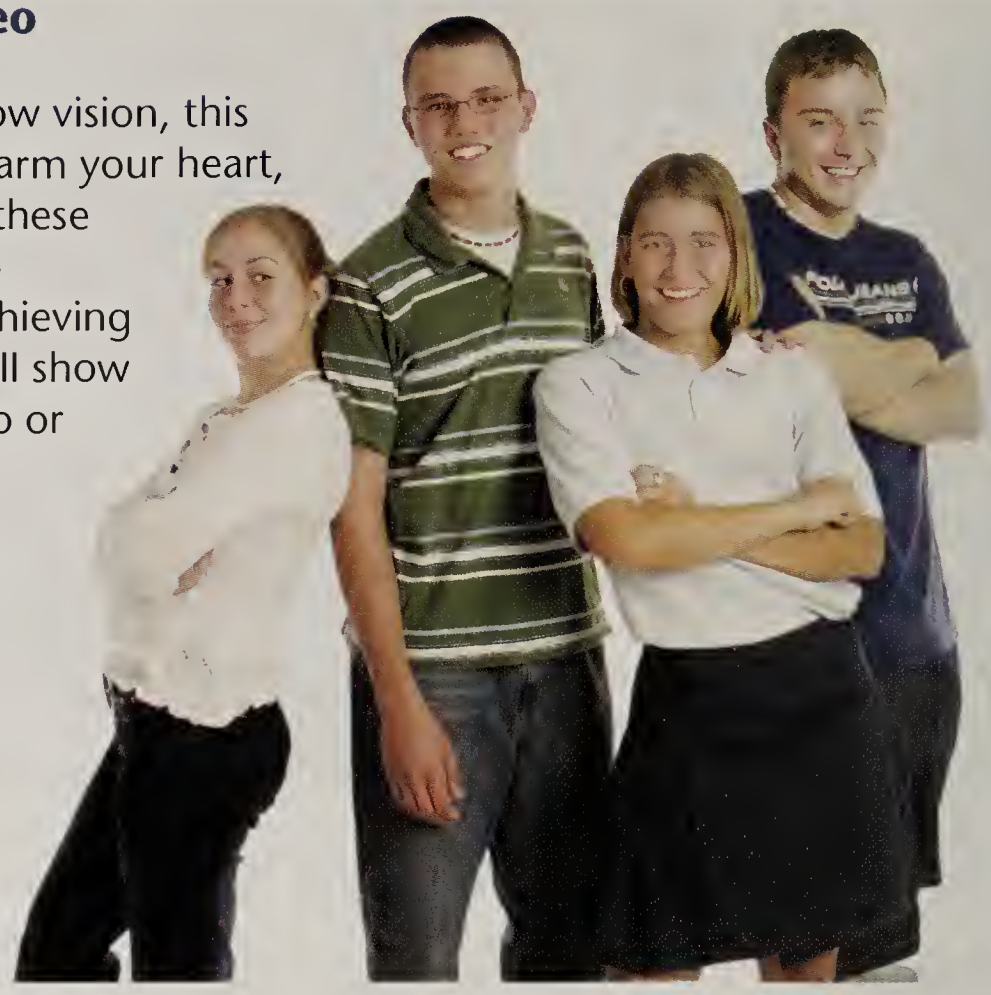
Battery Charger/Battery: 1-03925-00.....$600.00

Extra Battery: 1-03926-00.....$120.00

220 Volt International Power Supply: 1-03927-00.....$25.00

Note: Magni-Cam is not available on Federal Quota. Shipping charge added – please call for more information.

Teen Scene: Portraits of Success Video



Starring four Kentucky teen-agers with low vision, this 39-minute video will make you laugh, warm your heart, and make you feel as though you know these teens! It's all about being successful, self-advocating, dating, playing sports, or achieving in school or on the job. Our four stars will show you how it's done. Available in VHS video or DVD formats.

***Teen Scene* VHS Video:**
1-30011-00.....$25.00

***Teen Scene* DVD:**
1-30011-DVD.....$25.00

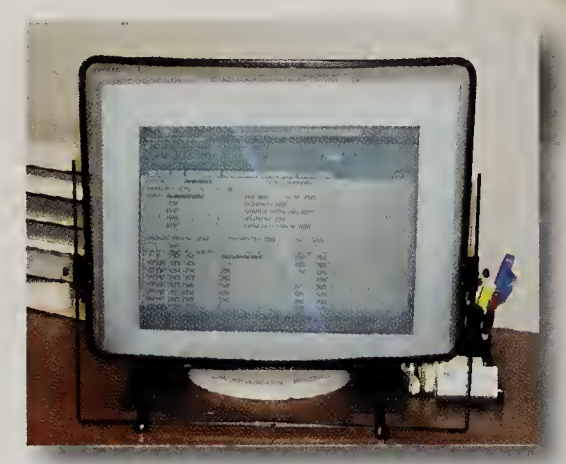
ZoomView

Simple, low-cost video display magnifier. Use with a computer monitor or a television.

Uses the latest in Fresnel optics, a type of flat plastic magnifier. Can be used for video screens up to 25" diagonal measurement. Self-standing table-top model. Magnification up to 60% larger than the original image. Instructions in large print.

ZoomView: 1-03919-00.....$39.00

Note:
Not available for purchase with Federal Quota funds.



RollBuster

The original RollBusters from APH are foam rings that keep your monocular from rolling away and provide some protection from impact.

The RollBuster rings come in pairs. You supply your own monocular. You place one ring around each end of your monocular. The rings friction-fit to the monocular and have flat surfaces on their outside edge so that the monocular is prevented from rolling.

RollBusters come in a set of five pairs, with four different sizes. The sizes of the inside diameters are: triangles – 25 mm; squares –28 mm; pentagons – 30 mm; and hexagons –40 mm (there are two pairs of the 30 mm size).

RollBuster (set of five pairs):
1-03195-00.....$5.00

Pen shows size of RollBuster II mini-bags.

RollBuster II

Keep monoculars in reach during classroom activities, while protecting them from rolling. RollBuster II mini-bags also provide some impact protection.

Comes in two kid-friendly styles. The mini-duffel bag fits monoculars up to 4 inches in length and up to 1 1/2 inches in diameter. The mini-backpack fits monoculars up to 5 inches in length and up to 1 3/4 inches in diameter or a monocular which is oval or irregular in shape.

Bag has a strip of extra hook / loop material stitched to its underside to allow attachment to a flat surface.

RollBuster II Mini-Backpack:
1-03196-00.....$5.00

RollBuster II Mini-Duffel Bag:
1-03197-00.....$5.00

ENVISION

The ENVISION training program uses stories and activities about Emmy the Emu and other high-interest characters to teach students to use optical devices. It covers skills such as tracing, tracking, and scanning, and includes enrichment activities and objectives for each lesson, as well as reports to the clinician.

There are two separate ENVISION programs, with each further divided into materials for younger and older students.

- **ENVISION I for Distance Devices** – simulates standard street signs, addresses, international symbols, and familiar objects.
- **ENVISION II for Near Magnification Devices** – simulates graphics and print used in textbooks and literature.

ENVISION I Program *without* Telescope Array includes:

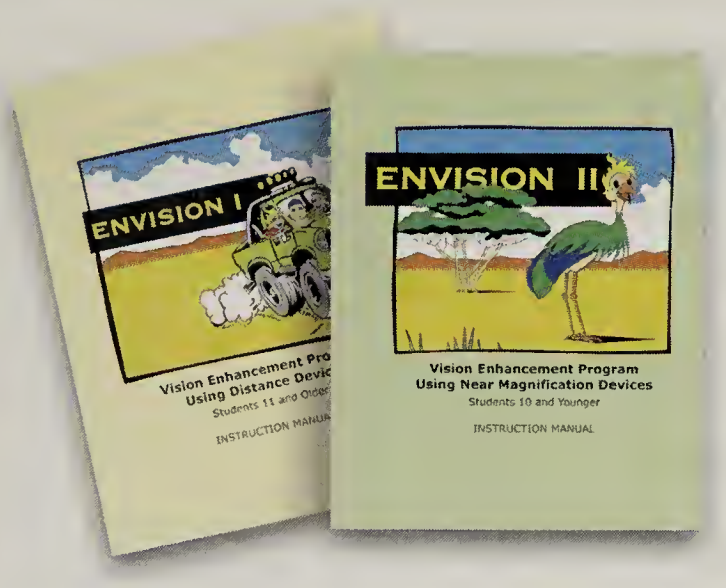
- Two large print teacher manuals for monocular telescopes: one for students 10 and younger, and one for students 11 and older
- Consumable materials packet with Clinician Report Forms, Student/Parent Interview Forms, and Certificates
- 48 distance cards
- Two "Emmy the Emu" puppets
- One Tote bag

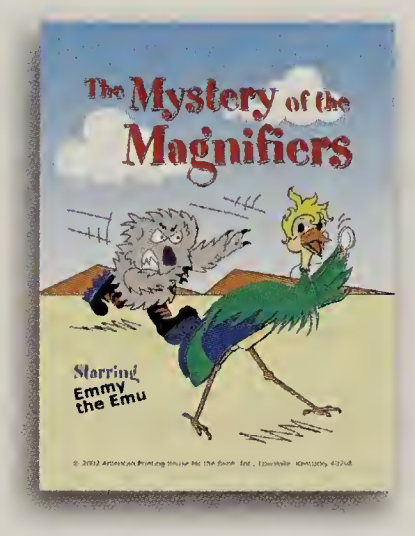
ENVISION I Program *with* Telescope Array includes above materials along with five of the most commonly used monocular telescopes (2X, 4X, 6X, 8X, 10X) in a foam-lined case.

ENVISION II Program *without* Magnifier Array includes:

- Two large print teacher's manuals for hand-held magnifiers: one for students 10 and younger, and one for students 11 and older.
- Two student activity books
- Consumable materials packet with Clinician Report Forms, Student/Parent Interview Forms, and Certificates
- Two "Emmy the Emu" puppets
- Five *Mystery of the Magnifiers* comic books
- One Tote bag

ENVISION II Program *with* Magnifier Array includes the above materials along with six of the most commonly used hand-held magnifiers (1.8X, 4X, 5X, 6X, 8X, 10X) in a foam-lined case.





ENVISION I with Telescope Array:
1-08551-00.....$540.00

ENVISION I without Telescope Array:
1-08553-00.....$195.00

ENVISION II with Magnifier Array:
1-08552-00.....$395.00

ENVISION II without Magnifier Array:
1-08554-00.....$175.00

Available Separately

Braille Teachers' Instruction Manuals:

ENVISION I, 10 and Younger:
5-08551-01.....$23.00

ENVISION I, 11 and Older:
5-08551-02.....$23.00

ENVISION II, 10 and Younger:
5-08552-01.....$23.00

ENVISION II, 11 and Older:
5-08552-02.....$23.00

Print Teachers' Instruction Manuals:

ENVISION I, 10 and Younger:
7-08551-01.....$17.00

ENVISION I, 11 and Older:
7-08551-02.....$17.00

ENVISION II, 10 and Younger:
7-08552-01.....$17.00

ENVISION II, 11 and Older:
7-08552-02.....$17.00

Other Materials Available Separately

Consumable Materials Packet (ENVISION I & II):
1-08551-01.....$19.00

ENVISION II Comic Book (set of five):
7-08552-05.....$9.00

ENVISION II Student Activity Binder, 10 and younger:
7-08552-03.....$37.00

ENVISION II Student Activity Binder, 11 and older:
7-08552-04.....$37.00

Now Available! APHont: A Font for Low Vision

APHont™ (pronounced Ay'-font), was developed by APH specifically for low vision readers. APHont embodies characteristics that have been shown to enhance reading speed, comprehension, and comfort for large print readers. The entire APHont Suite (Regular, Bold, Italic, and Italic Bold) is now available free-of-charge on the APH web site.

Features:

- Higher crossbars. (example: attention)
- No serifs.
- Wider letters.
- Heavier letters.
- Letters more open
- Larger punctuation marks. (examples: !?.,:")
- This entire page is set in APHont

NOTE: APH makes no claim that APHont is an appropriate font for children who are just learning to read.

How to Request APHont:

Before downloading APHont, users must validate that APHont will be used by or for visually impaired persons. Visit www.aph.org/products/aphont.html to fill out a short verification form. You will then be able to download the font.

Let's See Sensory Kit

Let's See: Vision Development Activities

Let's See is a revised and updated program designed to develop visual skills in young visually impaired and multihandicapped children.

Two stages, sold separately, are:

Sensory Activities Kit: Builds basic visual skills essential to concept development. Includes materials that utilize daylight, dim light, and flashlight activities to engage initial visual interest and keep and localize visual attention.

Perceptual Activities Kit: Builds on Sensory Activities to help students develop visual-perceptual and visual-discrimination proficiency. Brightly-colored, glowing, and flashing materials are used in these activities.

Let's See: Vision Development Activities:

Sensory Activities Kit
Includes large print manual
1-08141-00.....$270.00

Perceptual Activities Kit
Includes large print manual
1-08151-00.....$356.00

Note: Kit contents may vary from those pictured.

Let's See Perceptual Kit

Manuals Available Separately

Sensory Activities Manual, Large Print Edition:
7-08141-00.....$29.00

Sensory Activities Manual, Braille Edition:
5-08141-00.....$29.00

Sensory Activities Manual, Cassette Edition:
C-08141-00..... $24.00

Perceptual Activities Manual, Large Print Edition:
7-08151-00.....$29.00

Perceptual Activities Manual, Braille Edition:
5-08151-00.....$29.00

Perceptual Activities Manual, Cassette Edition:
C-08151-00..... $24.00

UltraLenses Are Also Available Separately **(see next page)**

UltraLens

Black lights, which generate both UV and blue light, are sometimes used in vision development activities. UltraLens glasses screen out 100% of UV and blue light while still allowing the wearer to see the "glow" of materials as they fluoresce. A soft case is included with each UltraLens.

Note: Filters like the UltraLens should always be worn by both the practitioner and the child during exposure.

UltraLens Infant with Headstrap: 1-08177-00.....$18.50

UltraLens Jr. with Headstrap: 1-08176-00.....$18.50

UltraLens Jr. Clip-On (for the child who wears spectacles): 1-08178-00.....$19.50

UltraLens Adult (can be worn alone, or over spectacles): 1-08175-00.....$9.00

Light Boxes

When they are used with unique sets of materials, these light boxes stimulate awareness of light, color, and objects and assist in the instruction of tracking, scanning, eye-hand coordination, visual discrimination, and visual perceptual skills.

Light Box

Has a lighted translucent white work surface, providing a high contrast background for opaque materials and a source of illumination for colored transparent and translucent items. Includes dimming control to meet the needs of individual students.

Can be used flat or tilted at three angles. Built-in ledges hold overlays in position. Cool, fluorescent bulb is housed in a tough plastic body measuring 25 x 15 x 5 inches. Includes cover. Weight: 13 1/2 lbs.

Recommended for all ages.

Light Box: 1-08660-00.....$366.00

Mini-Lite Box

This cousin to APH's Light Box is:

- Small and light
- Usable at a student's desk or on his/her lap

Operates for 3-4 hours on included rechargeable batteries or can be plugged in with the included AC adapter. Dimming control. Low battery audio signal. Ledges hold overlays in place. Built-in combination handle / tilting stand.

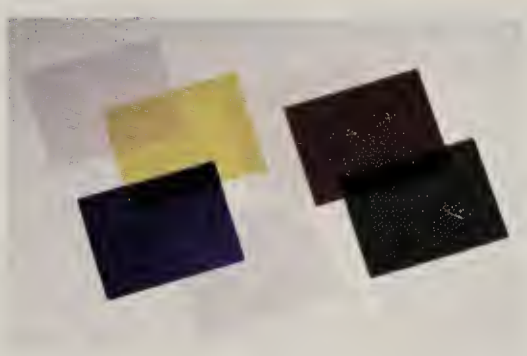
- Measures 16 x 12 3/4 x 2 1/2 inches
- Weight: 6 lbs.

Mini-Lite Box: 1-08661-00.....$160.00

Items Available Separately

Mini-Lite Carrying Case has roomy pockets to hold overlays and other materials. Sold separately. 1-08668-00.....$25.00

Replacement AC Adapter: 1-08661-05.....$8.50



Mini-Lite Transparent Overlays (includes one clear overlay, four colored overlays, and a sheet of clear, flexible, plastic): 1-08662-00.....$11.75

Note: Most Light Box Materials in the three levels can be used with the Mini-Lite Box.

Light Box Materials: Level I

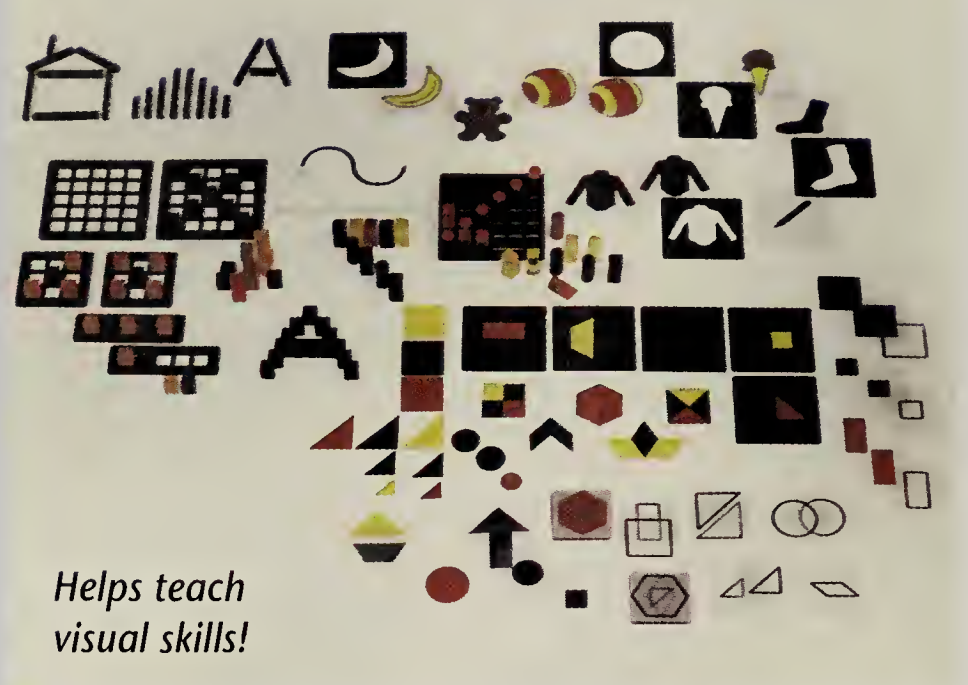
First of three sets of teaching materials for use with APH's Light Box. Materials help teach basic visual skills, eye-hand coordination, and simple matching skills. Level I includes:

- Bright colored, solid, and patterned overlays designed to stimulate awareness of light, patterns, and objects
- A spinner with two different patterns that encourages localization and reaching
- A variety of transparent and translucent colored and opaque items for practice in eye-hand coordination and matching
- Suction-cup handles for manipulation of small pieces
- Guidebook with over 90 activities
- Carrying bag

Recommended ages: birth to 4 years.

Light Box Materials: Level I: 1-08670-00.....$355.00

Activity Guide for Level I only:
Print Edition: 7-70010-00.....$25.00
Cassette Edition: C-70010-00.....$5.00



Helps teach visual skills!

Light Box Materials: Level II

Helps in teaching matching and identification skills, part-whole relationships, sequencing, pattern duplication, spatial relationships, and visual memory skills. Level II contains:

- Over 400 items, including brightly-colored transparent and translucent shapes, pictured objects, stencils, and cutouts
- Worksheets
- Blackout background sheet and clear nonslip work surface sheet
- Guidebook with over 100 activities
- Carrying bag

Recommended ages: 3 to 5 years.

Light Box Materials: Level II: 1-08680-00.....$470.00

Activity Guide for Level II only:
Print Edition: 7-70020-00.....$34.00 • Cassette Ed.: C-70020-00.....$5.00

Light Box sold separately.

Light Box Materials: Level III

Help students develop: prewriting and handwriting, matching and sorting, recognition and identification, spatial relationships, visual memory, sequencing, figure-ground discrimination, visual closure, and part-whole relationships. Level III includes:

- Over 400 items, including dozens of picture and letter cards
- Five types of game trays
- Blackout background sheet and clear nonslip work surface sheet
- Guidebook with over 100 activities
- Carrying bag

Recommended ages: 4 to 6 years.

Light Box Materials: Level III: 1-08690-00.....$750.00

Activity Guide for Level III only:
Print Ed.: 7-70030-00.....$32.00 • Cassette Ed.: C-70030-00.....$5.00

For Use with Both the Mini-Lite Box and the Light Box:

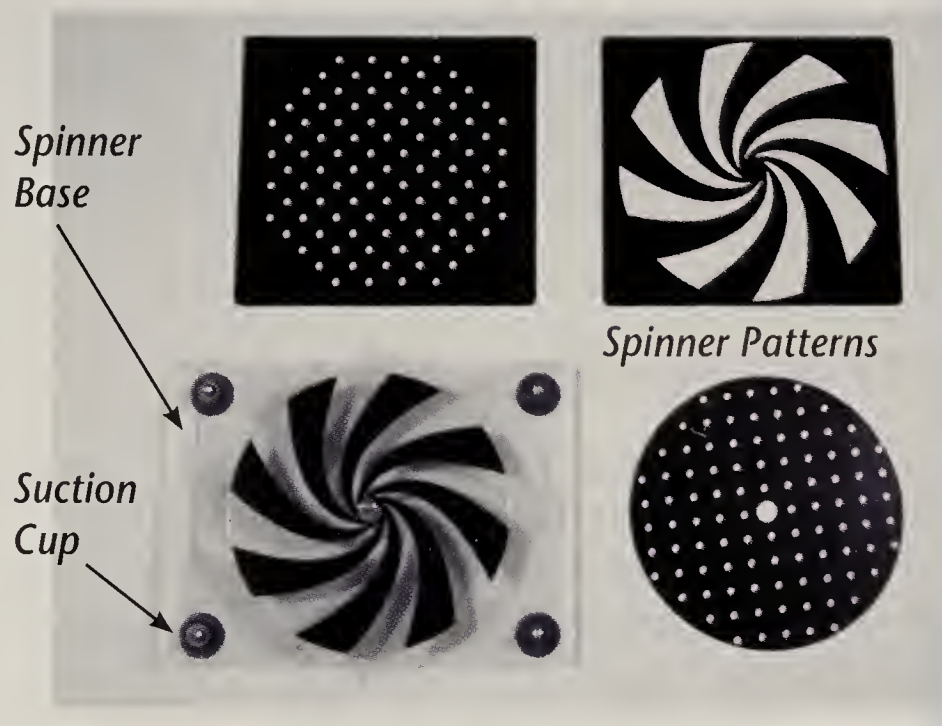
Light Box Materials from Levels I and II for Separate Purchase

The following selected items from Light Box Materials Levels I and II can be used with the Mini-Lite Box and Light Box. Sheets of activities grouped by skill accompany each item.

Plexiglas® Spinner and Spinner Patterns

Spinner, made of clear plastic, is used with overlays to create highly contrasting, moving patterns to stimulate visual awareness and encourage attention and visually directed reaching. Suction cup feet.

1-08664-00.....$54.00



Plexiglas® Blocks

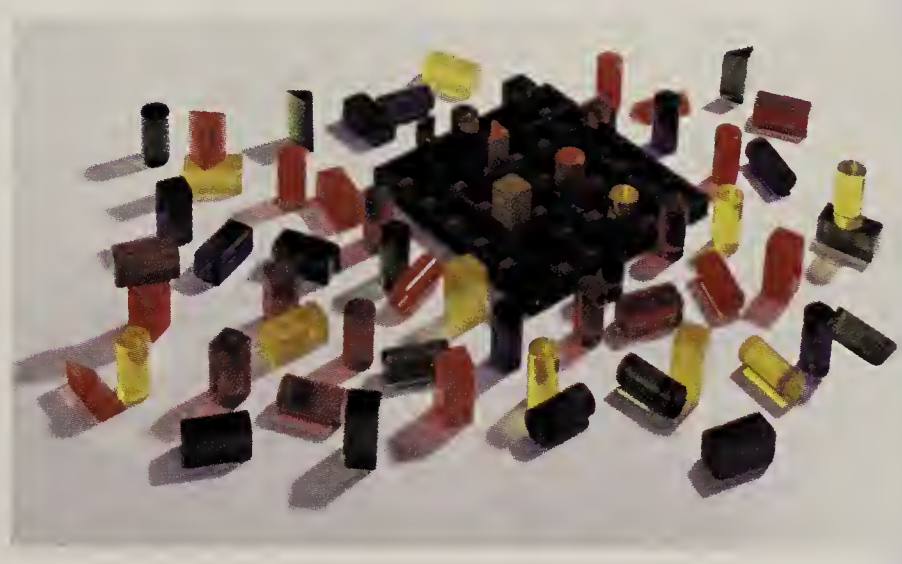
Colored transparent and translucent geometric shapes in two sizes to create displays for attracting visual attention; encouraging visually directed reaching; matching by shape, size, and color; and for introducing spatial relationships. 30 pieces in six colors and three shapes.

1-08663-00.....$27.00

Pegs and Pegboard

Fosters eye-hand coordination, awareness of spatial relationships, and matching and sequencing skills. Includes 64 colored translucent pegs in three shapes and five colors for use in or out of the included 6 x 6 grid pegboard.

1-08665-00....$65.00



Familiar Object Pictures

Colored translucent pictures of 15 household objects are provided in pairs (30 cards total) for matching and identification. On clear plastic cards measuring 6 x 6 inches.

1-08666-00.....$39.00

Colored Shape Cards

Colored transparent and translucent pictures of geometric shapes for identification and matching by shape, color, and size. Thirty cards provided: two each of nine shapes, some in three sizes. On clear plastic cards measuring 4 x 4 inches.

1-08667-00.....$23.00

Seated Parquetry Set

Stimulates residual vision and helps to develop visual efficiency. Students master visual discrimination, eye-hand coordination, part/whole concepts, matching skills, and visual memory skills. Uses recessed form boards that can be raised to the eye while holding the parquetry pieces in place. Includes:

- Ten color-coded form boards measuring 8 x 8 inches for matching tasks
- Ten unmarked form boards measuring 8 x 8 inches for advanced concepts
- Ten color-coded stimulus cards measuring 8 x 8 inches

Contains over 100 nonbreakable, washable pieces in six colors and shapes. Recommended ages: 3+

Seated Parquetry Set: 1-03650-00.....$92.00

Note: Kit contents may vary from those pictured.

Bright Line Reading Guide

This tool for low vision readers can be placed over text to highlight, eliminate glare, and promote maximum contrast. The guide provides a black reference line that helps the reader keep his or her place on the page. The guide is 10 inches long, but can be cut to any size and three-hole punched for placement in a binder. Each pink or yellow guide comes in a vinyl protective pouch.

Bright Line Reading Guide, Yellow (package of 2):
1-03060-00.....$6.75

Bright Line Reading Guide, Pink (package of 2):
1-03061-00.....$6.75

Program to Develop Efficiency in Visual Functioning

Helps train students to use their vision more efficiently. Two interrelated kits make up this program:

The Diagnostic Assessment Procedure Kit identifies specific training needs, while the Design for Instruction Kit contains lessons and materials for vision training.

Recommended ages: 3+

Program to Develop Efficiency in Visual Functioning (both kits):
1-08530-00.....$590.00

Items available separately:

Volume I, Diagnostic Assessment Procedure only:
8-16040-00.....$16.00

Volume II, Design for Instruction only:
8-16070-00.....$15.00

Addendum
(includes the revised Source Book on Low Vision; the new Volume III, Design for Instruction for Learners with Developmental Delays; and 55 new lesson cards):
8-16030-00.....52.00

Low Vision Observation Checklists & Diagnostic Assessment Procedure Record Booklets (10 of each):
8-16050-00.....$28.50

Penlight with Color Caps and Flashlight with Color Discs

Use in a wide range of visual instruction.

Designed to help students develop visual awareness and visual tracking skills, this kit can be used in a wide range of instruction. Includes:

- One penlight and one flashlight
- Five translucent and four transparent color lenses for each light source
- Activity cards

Recommended ages: all ages. Batteries not included.

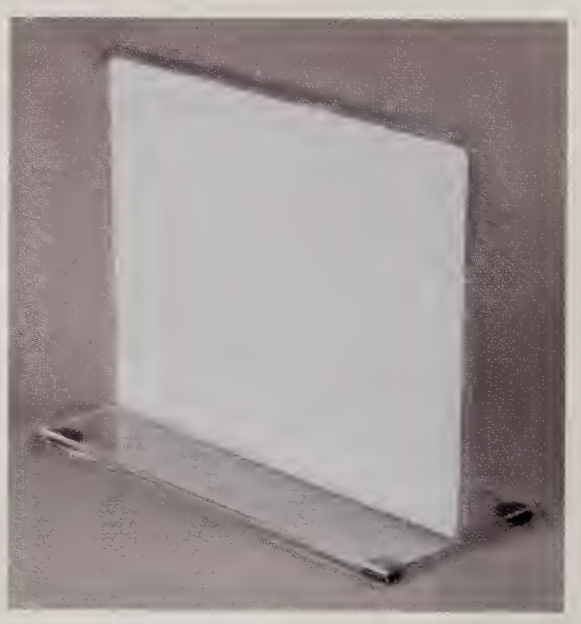
1-08390-00.....$40.00

Variable Intensity Study Lamp

Low vision students and adults can get adjustable lighting needed to illuminate their work. Lamp has a 9-foot power cord for reaching classroom desks. Weight: 16 lbs.

Recommended for all ages.

1-08940-00.....$140.00



Individual Study Screen (ISS)

Allows low vision students to view films and slides close up.

A rear-projection technique is used to enable one student to get as close to the screen as he or she requires. Constructed of tough plastic, screen measures 13 x 10 1/2 inches. Image is projected on a frosted plastic insert.

Recommended ages: 6+

1-03300-00.....$21.00

OccluderPop Pack

A "lollipop" style occluder for blocking the vision of one eye while testing the other. Included with the ISAVE Kit, 7-96160-00.

OccluderPop Pack (3 occluders): 1-96160-00.....$5.00

Termite Torpedo™ Software

Termite Torpedo is an arcade-style game designed especially for low vision users. Termites are eating their way through Woodville! Only you can save the city by clearing the playing field of 12 levels of termites!

Termite Torpedo gives low-vision students practice in the visual skills of locating, fixating, tracking, aligning, and following. It features:

- Bright, high-contrast colors for game elements
- Full audio accompaniment, including directional information, allows use by players who are totally blind

Termite Torpedo requires:

- PC compatible computer running *Windows 98*® or later
- *Internet Explorer*® 5.1 or later
- Sound card and speakers
- CD-ROM drive

***Termite Torpedo* CD Version:**
D-03470-00.....$39.00

***Termite Torpedo* Electronic Download:**
D-03470-ED.....$39.00

Download the demo (which can be turned into a full copy by purchasing the electronic distribution option) at www.aph.org/tech.

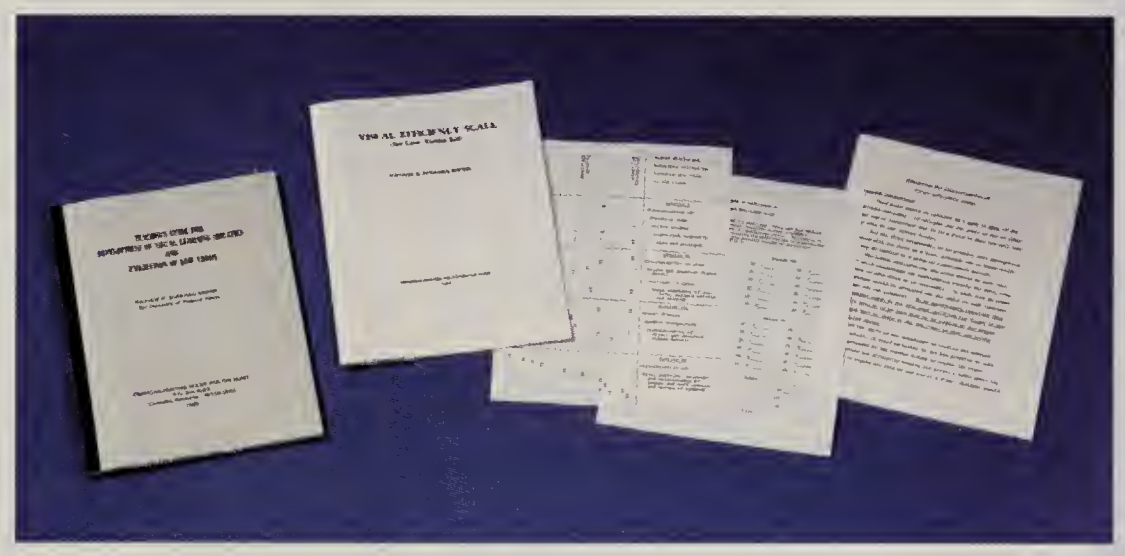
Materials on Utilization of Low Vision (ULV) –Diagnostic Kit

Designed to determine if a student's residual vision is being fully utilized. Consists of two kits purchased separately.

Recommended ages: 5+

Teacher's Kit includes:
• A Teacher's Guide • Visual Efficiency Scale and Directions for Administration • Profile of Visual Skills and Behavior • Record of Performance on Visual Efficiency Scale

Visual Efficiency Scale Kit includes:
• Directions for Administration of Visual Efficiency Scale • Ten Visual Efficiency Scales • Ten Profiles of Visual Skills and Behavior • Ten Records of Performance on Visual Efficiency Scales.



Materials on Utilization of Low Vision (ULV) Teacher's Kit:
8-50600-00.....$16.50

Materials on Utilization of Low Vision (ULV) Visual Efficiency Scale Kit:
8-50590-00.....$24.00

It Might Be Called Data – We Think of It as Knowledge

Our databases provide knowledge: information you can use in real life.

Louis
Database
Accessible Materials and APH File Repository

Louis is one example of our databases. Do you need a book in braille, large print, recorded, or computer disk format? Check Louis — it will tell you if the item is available and where to find it. Louis lists the location of over 170,000 items available from more than 180 agencies!

Check out our new interface!

Improvements include:

- enhanced low vision and speech access
- search for and purchase APH products from one easy-to-use display
- bonus features: product pictures, brochures, product demonstrations, and Fred's Head links

Now with new, easier-to-use search pages!

American Printing House for the Blind, Inc.
Louisville, Kentucky, USA
800.223.1839 (US & Canada) • www.aph.org • info@aph.org

Expanded Core Curriculum:

Orientation and Mobility (Concept Development)

Orientation and Mobility

This is a vital area of learning, which requires delivery by teachers with specific preparation. It emphasizes the fundamental need and basic right of visually impaired people to travel as independently as possible, enjoying and learning to the greatest extent possible from the environment through which they are passing. Students will need to learn about themselves and the environment in which they move — from basic body image to independent travel in rural areas and busy cities.

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Denver the Guide Dog Video

It's a great day at APH as Heathcliff, APH Vice President Gary Mudd's hard working guide dog of twelve years "hands over his harness" to Denver, the young up-and-comer. Produced by Discovery Channel's Animal Planet® *Pet Stories* series, this video is for anyone who would like to know more about guide dogs or would just like to meet Denver.

During this half-hour, see how Denver got his start, "made the cut" at guide dog school, and was matched with Gary. Be amazed at how hard the two of them have worked to become the team they are. There's not a dry eye in the house during the reunion scenes when Denver's puppy trainer returns to find such a confident and capable guide dog!

Denver the Guide Dog VHS:
1-30010-00.....$15.00

Picture Maker: Wheatley Tactile Diagramming Kit

Fun, colorful tactile board can be used for numerous educational activities!

Includes a felt covered board measuring 21 1/2 x 11 1/4 inches, and a wide variety of Velcro®-backed pieces that attach to the board in an infinite number of patterns. Features over 100 pieces in many shapes, sizes, textures, and colors. Extra "hook" Velcro material provided for helping create additional tactile pieces.

Example activities:

- Mapping: streets, bus routes, classrooms
- Charting: flow charts of organizations, processes
- Basic concepts: shapes, numbers, spatial relationships, etc.
- Art activities

Guidebook includes suggestions for use and example layouts in print and raised-line graphic form. The guidebook is a large print/braille publication.

Picture Maker: Wheatley Tactile Diagramming Kit: 1-08838-00.....$107.00

Guidebook only (large print/braille): 6-08838-00.....$16.00

Note: Do not allow children ages 3 and under to use Picture Maker without adult supervision. This product contains small parts which could cause choking.

Picture Maker Video

Product creator Patty Wheatley offers many tips and tricks for using the Picture Maker in all areas from classroom to everyday life. Features demonstrations of children and adults using the Picture Maker. VHS cassette runs approximately 14 minutes.

***Picture Maker* Video: 1-30008-00.....$10.00**

Flat geometric forms of 27 different shapes and sizes (104 total). Note: Kit contents may vary from those pictured

Chang Tactual Diagram Kit

Tactile aid for teachers of orientation & mobility, and other curricula. Construct diagrams and maps using bright yellow plastic pieces that adhere to a dark felt board. Includes print guidebook and carrying case.

Recommended ages: 6 +

Chang Kit:
1-03130-00.....$170.00

Print Instructional Guidebook only:
7-21900-00.....$24.00

O & M Tactile Graphics

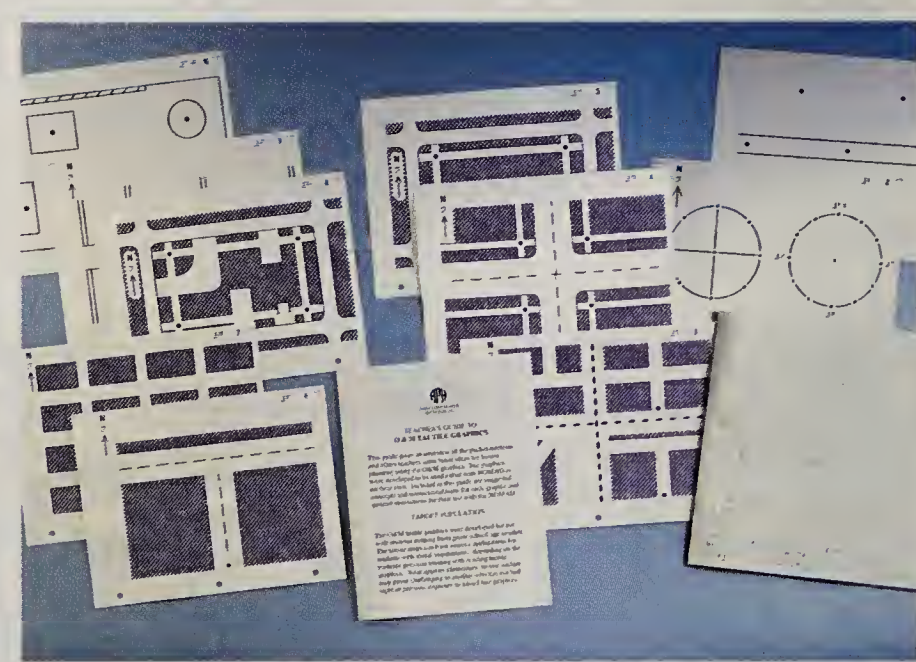
Tool for helping teach orientation and mobility concepts: compass directions, clock locations, and navigating outside and inside. Contains:

- 10 high-contrast print/tactile graphics
- Teacher's Guide in print and in braille

Teacher's Guide gives you basic ideas for lesson planning using the graphics, suggested concepts and instructional hints for each graphic.

Recommended ages: 8+

O & M Tactile Graphics:
1-20100-00.....$46.00



Expanded Core Curriculum:

Assistive Technology and Electronics

Technology

Technology is a tool to unlock learning and expand the horizons of students. It is not, in reality, a curriculum area, but it is added to the expanded core curriculum because of the special place it occupies in the education of blind and visually impaired students. Technology can be a great equalizer. It enhances communication and learning and expands the world of blind and visually impaired persons in many significant ways.

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Handi-Cassette II Stereo Tape Recorder/Player

Listen to Talking Books or commercial cassettes as well as record tapes with this portable "walkabout" unit.

Features:

- Digital Pitch Control (DPC): Increase or decrease rate of listening without unpleasant change in voice pitch
- Play and record on 2 or 4 tracks. Play and record at 1 7/8 inches per second or 15/16 ips (Talking Book speed)
- Built in mono speaker and microphone
- Stereo playback through included headphones
- Tactile symbols on controls and touch checking of tape movement
- Power: wall outlet or included rechargeable batteries or regular AA batteries

Included:

- Stereo headphones
- AC power converter / recharger
- Rechargeable battery pack
- AA battery clip
- Manual in print and on cassette
- Print and braille quickstart instructions
- One year limited warranty

Small, "walkabout" Talking Book player/recorder packed with features!

Recommended for all ages.

- Dimensions: 6 3/4 x 4 3/8 x 2 1/4 inches
- Weight: 1.5 lbs.

Handi-Cassette II (U.S. Model):
1-07085-00.....$170.00

Handi-Cassette II (International Model):
1-07085-01.....$160.00

Note: The Handi II International does not come with an AC power converter. Customers must supply their own power converter that is compatible with their country's electrical system. This power converter must have an output of 6 volts DC at 200 milliamps and have a plug with a 5.5 mm outside diameter and a 2.1 mm inside diameter, inside negative.

Two-Year Extended Warranty for Handi II: 1-07087-00.....$50.00

Note: Extended warranty covers the machine only, NOT accessories that come with it. Must be ordered within 90 days of ordering machine.

Accessories for the Handi-Cassette II:

Optional Carrying Case:
1-07084-00.....$18.00

Replacement AC Adapter/Recharger:
1-07091-00.....$9.00

Replacement Nickel-Metal Hydrite Battery: 1-07082-00.....$12.00

Replacement Battery Clip:
1-07086-00.....$8.00

Replacement Instructional Cassette:
1-07083-00.....$2.50

Table Top Cassette Tape Recorder/Player

Listen to Talking Books or commercial cassettes as well as record tapes with this portable table-top unit.

Features:

- Digital Pitch Control (DPC): Increase or decrease rate of listening without unpleasant change in voice pitch
- Play and record on 2 or 4 tracks. Play and record at 1 7/8 inches per second or 15/16 ips (Talking Book speed)
- Built in mono speaker and microphone
- Stereo playback through optional headphones
- Tactile symbols on controls and touch checking of tape movement
- Power: wall outlet or included rechargeable battery pack

Included:

- AC power cord built in
- Rechargeable battery pack
- Manual in print and on cassette
- Print and braille quickstart instructions
- One year limited warranty.

Recommended for all ages.

- Dimensions: 9 3/8 x 11 1/8 x 3 inches
- Weight: about 4 1/4 lbs.

Table Top Cassette Tape Recorder/ Player ~ U.S. Version (Model 5198A): 1-07150-00.....$225.00

International Models (no adapter needed):

Table Top Recorder/Player ~ United Kingdom Version (Model 5198AE): 1-07150-01.....$225.00

Table Top Recorder/Player ~ European Version (Model 5198AS): 1-07150-02.....$225.00

Desk model Talking Book player/recorder loaded with features!

Two-Year Extended Warranty for Table Top Recorder/Player: 1-07151-00.....$75.00 Must be ordered within 90 days of ordering machine.

Accessories for the Table Top Recorder/Player

Optional Carrying Case with Shoulder Strap: 1-07010-00.....$12.00

Replacement Nickel-Metal Hydrite Battery: 1-07071-00.....$24.00

Replacement Instructional Cassette: 1-07152-00.....$2.50

Stereo Headphones

These headphones work directly with the Handi-Cassette II and the Table Top Recorder/Player. A stereo to mono adapter plug (on the next page) is required to use these headphones with older monaural players such as the discontinued AC/DC Recorder/Player or original Handi-Cassette.

PrivatePhones (stereo with fully enclosed earpads, 3.5 mm plug): 1-07088-00.....$21.00

Stereo Headphone (small foam earpads and 3.5 mm plug): 1-18986-00.....$9.00

The Listening Post Audio Splitter

Connect up to four pairs of mono headsets to one sound source. Four 3.5 mm jacks with volume controls are mounted in a rugged case. Includes two 3-foot cords with 3.5 mm plugs. Works with all APH cassette recorders.

1-00941-00.....$56.00

Note: Stereo to Mono Adapter Plugs are required to use this unit with stereo headphones.

Patchcord Kit

Lets you record directly from one mono audio source (radio, recorder) to another. (Each audio source must have an earphone jack.)

1-07170-00.....$28.00

Remote On/Off Control Microphone

Sensitive microphone with 40-inch cord, built-in on/off switch, and desk stand. Works with all APH cassette recorders.

1-07160-00.....$10.00

Control your recorder with your foot!

Footpedal Switch

Turn your tape recorder on and off with your foot, leaving your hands free for key entry, braille transcribing, etc. Works with all APH cassette recorders.

1-07020-00.....$10.00

Stereo to Mono Adapter Plugs

Use with stereo headphones that have a 3.5 mm plug (such as the models at left). These adapters allow you to use stereo headphones with the discontinued mono AC/DC Recorder/Player and original Handi-Cassette.

Stereo to Mono (3.5 mm to 1/4 inch): 1-07061-00.....$4.50

Stereo to Mono (3.5 mm to 3.5 mm): 1-07062-00.....$4.50

Blank C-90 Cassette Tapes

For voice recording, these are high quality 90-minute cassette tapes (standard size).

1-08561-00.....$6.50 (5 tapes)

1-08560-01.....$22.00 (25 tapes)

Note: Not available on Quota.

Cassette Circulation/Storage Containers

For mailing or storing cassettes. Plastic containers with snap closed straps and slots for mailing labels. Embossed: "Free Matter for the Blind or Handicapped."

Four-cassette capacity Container:
1-02620-00.....$1.50 each

Six-cassette capacity Container:
1-02630-00.....$2.00 each

Speech Expressor™

Add speech compression to your older APH or NLS Talking Book tape player! This allows you to increase or slow the rate of listening without an unpleasant change in voice pitch.

Features

- Compact size, housed in a portable case with built-in speaker
- Easy to use: plugs in to the earphone jack of the audio source, uses simple controls
- One year limited warranty

Included Items

- User-replaceable rechargeable AA batteries
- Power supply / recharger
- Headphone jack
- A cable with a 3.5 mm mono plug
- Adapters for 3.5 mm stereo and 1/4 inch mono jacks
- A manual in print and on cassette plus a braille quickstart sheet

Compatibility

The Speech Expressor is compatible with any tape player having a variable speed control.

Speech Expressor (U.S.): 1-07050-00.....$75.00

Speech Expressor (international): 1-07050-01.....$75.00

REDUCED PRICE!

Note: The International model does not come with a power converter. Customers supply their own converter that is compatible with their country's electrical system. This power converter must have an output of 9 volts DC at 300 milliamps and have a plug with a 5.5 mm outside diameter and a 2.1 mm inside diameter (inside negative), with a 10 mm plug length.

Induction Neck Loop

Improve your understanding of voices on tape!

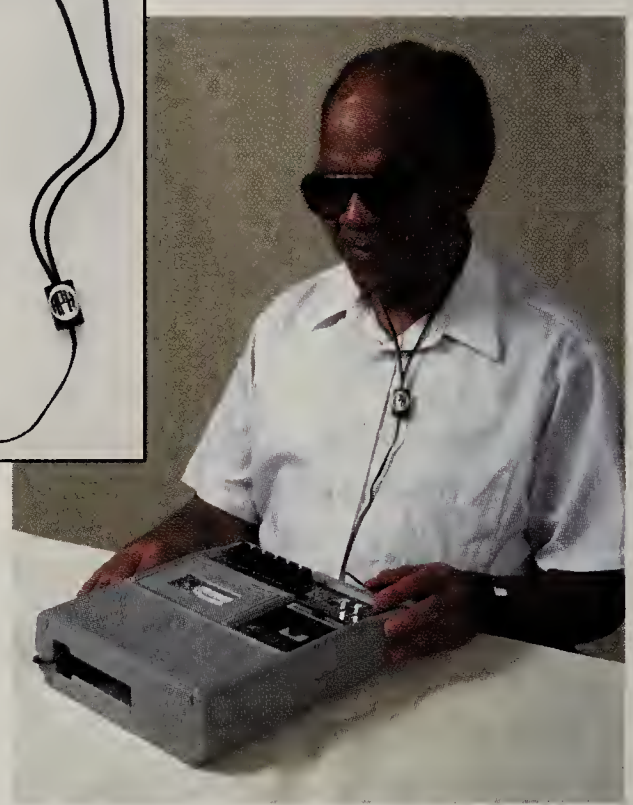
Some hearing aids have a built-in device called a "telecoil." The telecoil can receive a signal from APH's Induction Neck Loop, which consists of a wire loop that the user places around his or her neck.

The Neck Loop plugs into the 3.5 mm headphone jack of an APH cassette recorder/player. You then switch your hearing aid to the telecoil setting. Many hearing aid users find this direct signal improves their understanding of voices on tape.

Check with your hearing aid dispenser if you are not sure whether your hearing aid has a telecoil.

Induction Neck Loop: 1-07095-00.....$45.00

Note: The Neck Loop does not work with digital hearing aids.



Improve your understanding of voices on tape!

Book Port™

Book Port is a revolutionary, flexible book reading device consisting of a small portable unit with a keypad, earbuds, and accompanying software. The device allows the user to download and read electronic text files with synthetic speech or digital recorded books (including DAISY books) with human speech.

The unit includes a USB connector and a CompactFlash® card slot for removable mass storage. Book Port allows audio notetaking on material you read.

Features

- Read DAISY Digital Talking books – both text and audio
- Send Web pages from directly within *Internet Explorer®*
- Read translated, contracted braille files
- Navigate among files or within a book
- Navigate by letter, word, sentence, paragraph, page
- Control pitch, speed, and volume of speech
- Choice of synthetic speech voices
- Hear the file name, size, current position (as a percentage), page number, and the last modified date
- Set multiple bookmarks per file then easily return to them
- Add text to the search memory, then find every occurrence of that text in the file
- Audible low battery indicator and sleep timer
- Delete files or lock to prevent deletion

Includes:

- Book Port unit with built-in keypad and microphone
- Earbuds
- One CompactFlash card (Note: Additional CompactFlash cards are available from any computer or electronics dealer)
- USB cable for connecting to your PC
- CD-ROM with Book Port software, electronic manual, and over 1,700 e-books
- Instruction manual on cassette
- Two AA batteries
- 90-day limited warranty

Requirements to run:

- *Windows® ME* or higher
- 64 MB of RAM
- 15 megs of hard disk space to install software
- *Pentium®* 166 MHz or faster processor
- CD-ROM drive

Book Port:
1-07440-00.....$395.00

Braille 'n Speak® Scholar

Small, portable Talking "Personal Digital Assistant" (PDA) for braille users from APH and Freedom Scientific® Inc. This unit offers:

Features Include:

- Braille-type seven-key keyboard input
- Output in synthetic speech, braille, or print
- Advanced word processor, talking clock, countdown timer, stopwatch, phone directory, calendar, and scientific graphing calculator
- Ports: ear phone, power, RS-232 serial, disk drive
- Quick-charge rechargeable battery
- Manuals in large print, floppy disk, cassette, and Quick Reference in large print/braille
- Leather carrying case
- Size: 8 1/4 x 4 1/8 x 7/8 inches, Weight: 14 ounces

A talking "Personal Digital Assistant" for braille users!

Recommended ages: 8 years and up.

Braille 'n Speak Scholar:
1-07320-00.....$1,095.00

Replacement Items:

Serial Interface Cable for connection to a PC (9-pin female to mini-din 8 male):
1-07319-00.....$31.50

Large Type Manual: 7-07320-00.....$33.00

Cassette Manual: C-07320-00.....$5.00

Cables Available Separately:

Parallel Printer: 1-07318-00.....$57.50

ImageWriter®: 1-07317-00.....$31.50

APH *Studio Recorder* Software Gets It... DONE!

SPECIALIZED for spoken-word digital audio projects

Accessible recording AND editing

Home recording to DEMANDING professional work

CDs or analog cassette from the digital MASTER

SIMPLE operation with EXTENSIVE features

High efficiency – INSTANTANEOUS editing

Check it out on page 157 in this catalog!

Tame Your Tech!

Technical Support for APH Electronic Products

Software

A manual is included on product CDs. View it on-screen, read it with your screen reader, or print a hard copy. We also include a quick-start sheet in braille.

Hardware

APH provides technical support for: • Book Port™ • Braille 'n Speak • ColorTest • Handi-Cassette • Light Boxes • Orion Scientific Calculator • Portable Sound Source • Table-Top Recorders

On-line discussion groups

Send an email with questions, problems, or suggestions, and receive replies from APH staff and other product users. Email technology@aph.org to find out how to subscribe to discussion groups.

On the phone

Our friendly Technical Support staff will be happy to answer questions about our high-tech products. Call 1-800-223-1839 and choose "Technical Support" from the menu. Available 8 a.m. to 4:30 p.m. Eastern, Monday through Friday.

Non-Electronic Products

If you need help with a non-electronic product, please call 1-800-223-1839 and choose "Customer Service" from the menu.

Construction Paper, Pipe Cleaners, and Elmers® Glue Might Be the Beginning of the Next Big Thing...

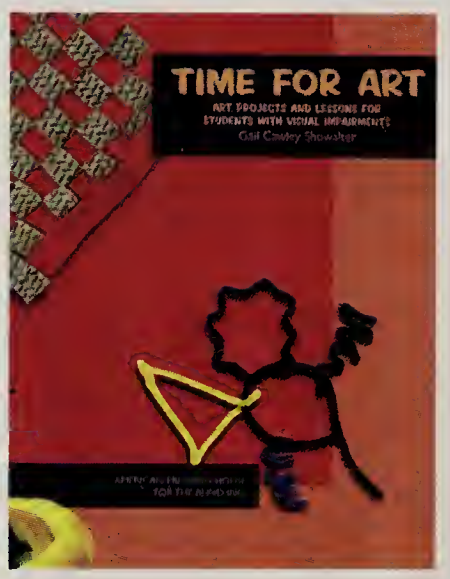
We know that many of you have spent long hours creating custom-made materials to meet a specific need of your visually impaired students. Or maybe you've written a curricula, collected notes over the years, or simply always wished that a certain product existed.

We want you to share your ideas with us! It's possible that working with APH staff, your idea could be developed into a product that would benefit blind students or adults across the nation.

Some recently released APH products created from concepts submitted to us include:

PictureMaker: Wheatley Tactile Diagramming Kit — submitted by Patty Wheatley, Orientation and Mobility Specialist, Lexington, Kentucky.

Loving Me: A Guide to Creating and Presenting Workshops on Self-Esteem — submitted by Billy Brookshire, Senior Human Resource Development Specialist, Texas Commission for the Blind.



Time For Art: Art Projects and Lessons for Students with Visual Impairments — submitted by Gail Showalter, consultant and former art teacher from Texas.

If you have an idea that you think could become a product, go to www.aph.org/products/prodideas.htm for more information and our Product Idea Submission Form.

Just think, your idea could one day appear in the pages of this catalog!

Expanded Core Curriculum:

Career Education and Transition

Career Education

Career education in an expanded core curriculum should begin in the earliest grades to give the visually impaired learner of all ages the opportunity to learn firsthand about the variety of work people do. It will give the student chances to explore strengths and interests in a systematic, well-planned manner. Unemployment and underemployment are leading problems facing adult visually impaired people in the United States, making this portion of the expanded core curriculum vital to the students.

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Transition Tote System 134

Career Education and Transition Related Products

Adapted Practice Checkbook 142
Reach for the Stars, Planning for the Future 12

Shop APH

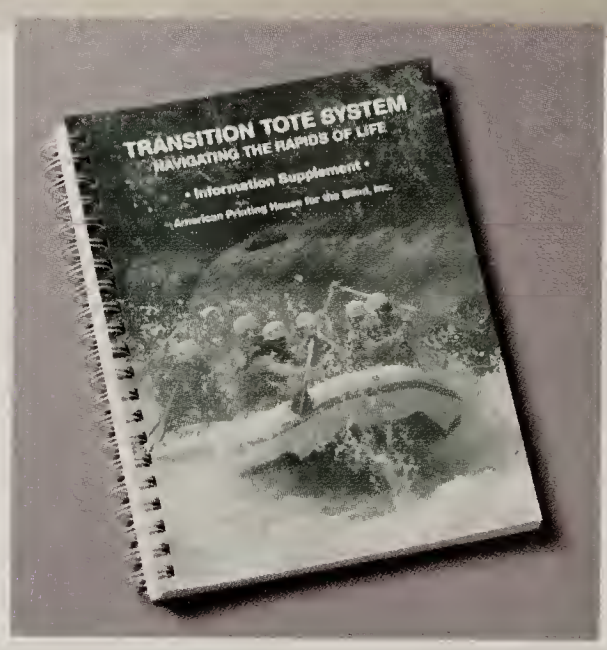
U.S. Customers Can Order On-line: www.aph.org

Transition Tote System: "Navigating the Rapids of Life"

Assists high school students as they explore and prepare for the world of work. Also useful for some middle school students and some adults.

Packaged as a Student Kit (three versions available), with a separate Information Supplement for teachers.

- Student Kit – The three versions are: Student Manual in either large type, braille, or on cassette tape.



All versions of the Student Kit include:

- Student Manual: 30 lessons covering such topics as organizational skills, work exploration, and job-seeking skills. Includes resource section.
- Tote Case: a soft-sided organizational carrying case measuring 16 x 14 x 5 inches. Includes a clipboard.
- 3 1/2 Inch Disk with forms and checklists from the Student Manual.

Item Separate from the Student Kit

- Information Supplement – For use by teachers and other facilitators.

Recommended ages: 12 years to adult.

Transition Tote System:

Student Kit, Large Type Version: 1-08200-00.....$80.00

Student Kit, Braille Version: 1-08203-00.....$80.00

Student Kit, Cassette Tape Version: 1-08201-00.....$80.00

Items That Must Be Ordered Separately:

Information Supplement, Regular Print Version: 7-08200-00.....$39.00

Information Supplement, Braille Version: 5-08200-00.....$68.00

Replacement Item:

Replacement Tote Case (without clipboard): 1-08202-00.....$50.00

Navigating the Rapids of Life Video and Booklet

Complementary product to APH's Transition Tote System (at left). Provides information on employment success for visually impaired youth.

Transition to the workplace begins in early childhood with skills developed at home, in school, and in the community.

Navigating details:

- Incidental Learning
- Organizational Skills
- Compensatory Skills
- Social Skills
- Opportunities to Work.

Additional transition information is contained in the included print booklet.

***Navigating the Rapids of Life* (VHS videotape and booklet): 1-30005-00.....$25.00**

Note: This video is closed captioned and video described.

Check out our new easy-to-use interface!

Need textbooks?

Visit the *Louis* Database to find titles offered by APH and by 180 other sources.

U.S. customers can order APH books and products through *Louis!*

Louis Database

Accessible Materials and APH File Repository

www.aph.org

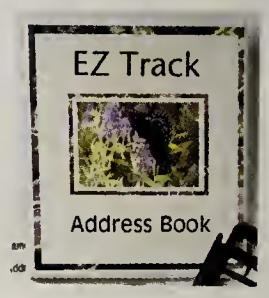
Things to do... People to see... Places to go...

Keep track of it all with EZ Track!

Designed for people with low vision, EZ Track products utilize large print of at least 18 points in size, easy-to-use binder formatting, and special accessories for organizing important activities and records.

EZ Track Address Book

- Holds up to 108 addresses
- Template for easy entry
- Large alphabet tabs



EZ Track Calendar

- Four days per page
- Month-at-a-glance & week-at-a-glance sections
- Monthly dividers with holidays

EZ Track Financial Record Keeper

- Tabbed sections store information in categories
- Labeled pages with space for writing
- Large print check register

EZ Track Medical Record Keeper

Track important information:

- Medical history
- Medication
- Physicians

American Printing House for the Blind, Inc.

www.aph.org • 800.223.1839 • info@aph.org

Expanded Core Curriculum:

Daily Living and Social Interaction

Independent Living Skills

This area, often referred to as daily living skills, consists of all the tasks and functions people perform, according to their abilities, in order to live as independently as possible. These curricular needs are varied and include skills in personal hygiene, food preparation, money management, time monitoring, and organization.

Social Interaction Skills

Blind and visually impaired individuals learn social interaction skills through careful, conscious, and sequential teaching. Instruction in these skills is such a fundamental need that it can often mean the difference between social isolation and a satisfying and fulfilling life as an adult.

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Braille DateBook

APH introduces an attractive planner-organizer designed specifically for braille users! Consists of:

- Rugged binder with slate pocket, stylus pocket, and a Velcro® fastener.
- Tabbed plastic calendar pages for organizing brailled filler paper.
- 250 sheets of 4x6 blank filler paper for brailling appointments or other information.
- Blank plastic tabs to use in creating sections for addresses, class assignments, medical information, etc.
- Saddle-Shaped Stylus
- Pamphlet in print and braille with suggestions on setting up your DateBook.

Recommended ages: 11+

Braille DateBook 2005: 1-07899-05.....$53.00

Calendar Tabs 2005: 1-07898-05.....$13.00

Filler Paper and Tabs: 1-07897-00.....$10.00

MotionPAD™ Motion-Activated Memo Pad and Door Chime

MotionPAD™ box attaches to an entry-area wall where movement will trigger play of a message or acknowledge entry with a chime. Example uses include warning pedestrians of possible hazards or leaving reminder messages.

- Memo Mode allows for recording a 10 second voice message.
- Chime Mode signals whenever someone walks within 10 feet.
- Write Protect locks message content.
- Uses four AA batteries, not included.
- Dimensions: 2.6 x 4.4 x 1.3 inches

Note: Not available for purchase with Federal Quota funds.

MotionPAD: 1-07400-00.....$34.00

ColorTest II: Talking Color Analyzer for People Who Are Blind or Color-blind

ColorTest II is an upgraded model of a hand-held device that helps the user distinguish colors independently. Use for selecting clothes and other items while shopping, or at home, work, or school.

Features:

- Uses a clear human voice to announce the color of any object placed in contact with its sensitive detector.
- Senses over 1,000 nuances of color. Also detects patterns, brightness, and contrast.
- Can provide color analysis with specific values for brightness, hue, and saturation.
- Talking clock, calendar, timer, thermometer, and three games
- Earphone jack and holes to accommodate a neck loop (earphone not included)
- Built-in rechargeable battery with talking battery status

Included:

- Carrying case
- Battery charger
- Instructions on cassette, plus a large print and braille "quick start" booklet
- One year limited warranty

ColorTest II: 1-03951-00.....$670.00

ColorTest II is about the size of a television remote control and can sense over 1,000 shades of color!

EZ Track Address Book

Large print address book will hold 208 addresses. Includes a plastic template for easy entry. Large alphabet tabs make names easy to find in the 3-ring binder. Additional address insert pages are available.

EZ Track Address Book:
1-07910-00.....$20.00

EZ Track Address Book Insert Pages only:
1-07911-00.....$7.00

EZ Track Address Book Components

Enables rehabilitation teachers to build large print address books tailored to the needs of their clients.

Guidebook

Contains a description of building an address book as well as master address book sheets for photocopying. The Guidebook comes in large type and on cassette, packaged together.

Large Type/Cassette Guidebook:
7-07910-00.....$12.00

Templates

Plastic templates help the user easily write in the address book. Pack of five.

1-07912-00.....$15.00

Address Book Binders

3-ring binder that can be used to hold an address book. Comes with a sheet lifter and a plastic pouch for storage of supplies. Five binders.

1-07914-00.....$29.00

Alphabet Dividers

Large type alphabet dividers make finding entries easy. Five sets.

1-07915-00.....$23.00

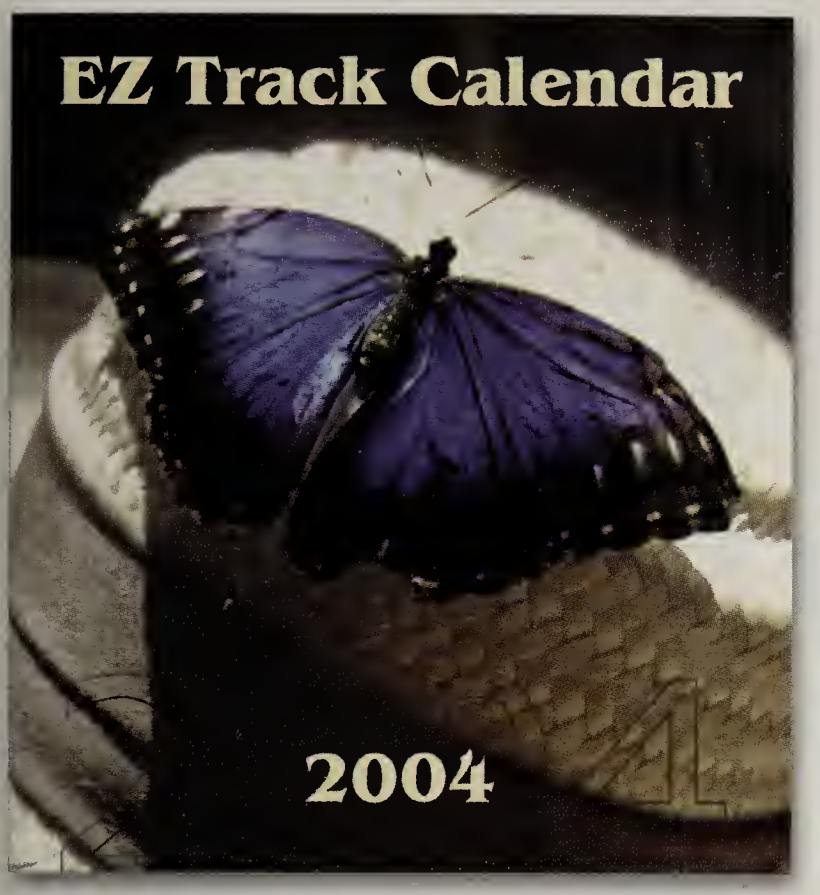
Address Book Pens

Bold-line 20/20 Pens® that make entries easy to read.

Pack of 5:
1-07913-00.....$6.25

Pack of 144:
1-07916-00.....$152.00

Note: Pens not available with Federal Quota funds.



2005 Calendar now available

EZ Track Calendar 2005: A Low Vision Appointment Book and Calendar

A systematic and organized way of keeping track of appointments, holidays, and other events.

Each large print page holds four days, with enough room to write notes and appointments. The calendar comes with a three-ring binder.

EZ Track Calendar 2005 (with binder):
1-07900-05.....$29.00

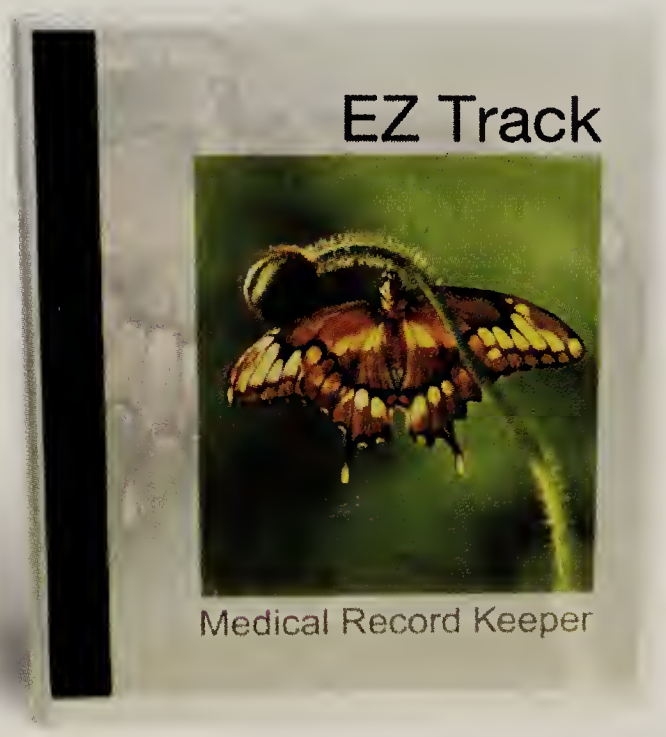
EZ Track Calendar 2005
(inserts only, no binder):
1-07901-05.....$25.75

EZ Track Medical Record Keeper

The EZ Track Medical Record Keeper is a large print organizational tool for keeping medical records. It provides a system for storing and organizing information on personal identification, medical history, insurance, medications, physicians, and other medical records.

The product is on non-glare paper, with 22-point black type. It's housed in a three-ring binder for easy access and re-organization. Extra sheets for physician's notes and personal notes are included. Handy folders are included for insertion of invoices, reminders, and prescriptions. Tab pages divide the product into easy-to-locate divisions.

1-07930-00.....$30.00



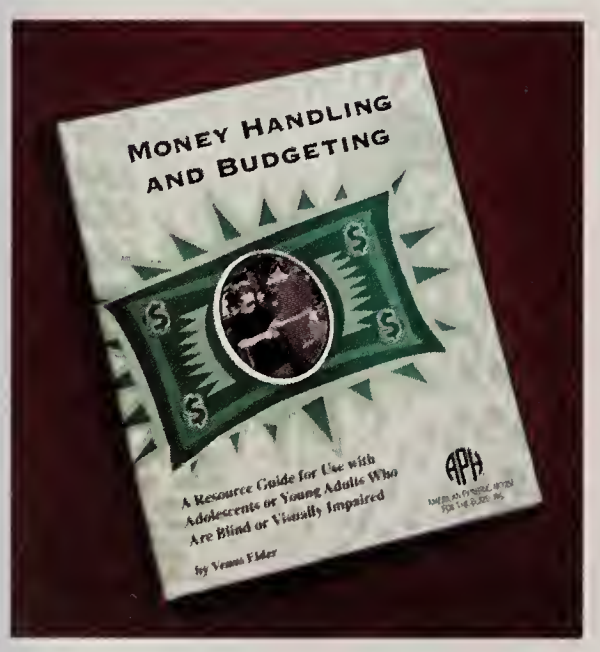
EZ Track Financial Record Keeper

The EZ Track Financial Record Keeper is a large-print system for keeping track of information about banking, credit cards, utilities, income, taxes, insurance, mortgages, loans, investments, retirement plans, and much more! Each type of information is stored in a tabbed section and labeled pages provide large spaces for writing. Financial record pages are printed in 22-point on heavy paper and are stored in a 3-ring binder. The Financial Record Keeper also includes a large-print Check Register, a 20/20 pen, a storage pouch, three storage folders, and a user's guide.

EZ Track Financial Record Keeper:
1-07920-00.....$37.50

Replacement Check Registers (2 pack):
1-07920-01.....$10.00

Replacement Insert Pages only:
1-07920-02.....$16.00



Money Handling: Print Edition (above). Adapted Practice Checkbook (below).

Money Handling and Budgeting

Resource guide with an adapted practice checkbook that helps students learn vital money handling skills.

Addresses These Topics:

• Coin and bill identification • Counting money and making change • Budgeting • Basic employment strategies • Banking skills (e.g., paying bills, acquiring loans, using savings accounts, etc.) • Handling money in simulated and actual daily living situations

Recommended ages: 11 years and up.

Money Handling and Budgeting:
Print Edition: 1-83080-00.....$30.00
Braille Edition: 1-83081-00.....$36.00

To Reorder Consumable Items:

Complete Adapted Practice Checkbook only:
1-03501-00.....$8.50

Bound Practice Checks/Deposit Tickets only (pack of 5): 1-03502-00.....$24.00

APH Signature Guide

Aluminum frame measuring 4 1/2 x 2 1/4 inches with rubber backing. Aids people who are visually impaired in writing their signatures. Frame has an opening with an elastic band; the band provides a guide for writing and flexes to allow for the descenders of letters.

Recommended ages: 8 years and older.

1-03530-00.....$5.00

Making Picture Recipes

Provide cooking instruction for low vision nonreaders and beginning readers. Includes 257 bold-line illustrations of common foods and ingredients, cooking equipment, and cooking processes on 3 1/2 x 4 inch cards. These master cards can be combined and photocopied to depict multi-step recipes; the copies can be colored to correspond to actual items students will be using.

Includes a card storage box with index tabs and an instruction manual.

Recommended for functional ages 5 years and up.

Making Picture Recipes Kit:
1-03450-00.....$35.00

Manual only: 7-03450-00.....$19.00

Hearing Loss: Information for People with Visual Impairments

A three-title series of books on hearing loss published in large type / cassette and in braille. Available individually or as a set.

Do I Have a Hearing Loss?

This book helps you cope with a hearing loss. Chapters include: • Do I Have a Hearing Loss? • Understanding Hearing Loss • Where Do I Get Help? • Communication Strategies • Family and Friends

Do I Have a Hearing Loss?
Large Type/Cassette Edition: 7-01000-00.....$15.00
Braille Edition: 5-01000-00.....$15.00

Do I Need a Hearing Aid?

This book helps you decide if you need a hearing aid. Chapters include: • What is a Hearing Aid? • Do You Need a Hearing Aid? • Purchasing a Hearing Aid • Learning to Use Hearing Aids • Other Helpful Devices

Do I Need a Hearing Aid?
Large Type/Cassette Edition: 7-01010-00.....$15.00
Braille Edition: 5-01010-00.....$15.00

Do I Need More Than a Hearing Aid?

This book will help you learn about a variety of assistive devices that can help you cope with hearing loss. Chapters include: • Assistive Listening Devices • Cochlear Implants • Telephone Devices • Alerting Devices • Being a Good Consumer

Do I Need More Than a Hearing Aid?
Large Type/Cassette Edition: 7-01020-00.....$15.00
Braille Edition: 5-01020-00.....$15.00

What Do I Need to Know About Hearing Loss? Information for People with Visual Impairments A Three Volume Set

Compilation of the three books listed above. Consists of a three-ring binder that holds all three large type / cassette editions.

3 Volume Set, Large Type/Cassette Editions: 7-01050-00.....$45.00

Expanded Core Curriculum:

Recreation and Leisure

Recreation and Leisure Skills

Many activities in physical education are excellent and appropriate for visually impaired students, but these students also need to develop recreational and leisure activities that they can enjoy throughout their adult lives. Recreation and leisure skills must be deliberately planned and taught to blind and visually impaired students and should focus on the development of life-long skills.

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Recreational Reading Books in Braille and Large Type

The following is a selection of a few of our recreational reading books. To search for additional recreational reading titles available from APH, go to www.aph.org and click on the *Louis* Database link. Books can be searched by author, title, or APH catalog number.

Chrissy's Collection Print/Braille Children's Books

The Gingerbread Man

by Jim Aylesworth

Print/braille: 9-12030-00.....$25.00

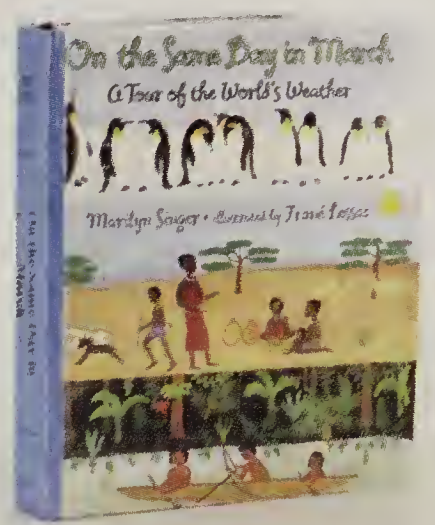
A freshly baked gingerbread man escapes when he is taken out of the oven and eludes a number of pursuers until he meets a clever fox.

On the Same Day in March

by Marilyn Singer

Print/braille: 9-15007-00.....$25.00

On the Same Day in March: A Tour of the World's Weather is a charming book about what is happening around the world on the same spring day. Words and illustrations feature scenes from Antarctica, Texas, Egypt, Australia, and many other interesting places. For ages 4 to 8.



So You Want to Be President

by Judith St. George

Print/braille: 9-13090-00.....$25.00

Unusual and interesting facts about the first forty-two presidents of the United States.

Some from the Moon

by Margaret Zemach

Print/braille: 9-14017-00.....$25.00

A book of traditional poems and songs, including "This Little Pig Went to Market," "Brave News Is Coming to Town," and "Bingo."

There Was an Old Lady Who Swallowed a Fly

by Simms Taback

Print/braille: 9-12003-00.....$25.00

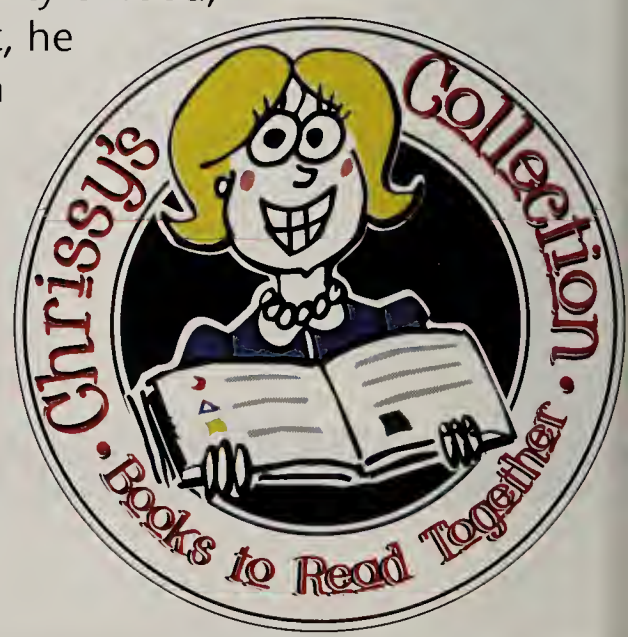
Fanciful retelling of the folk poem about a woman who swallows progressively larger animals.

The Very Hungry Caterpillar

by Eric Carle

Print/braille: 9-12015-00.....$25.00

Follows the progress of a very hungry caterpillar as he eats his way through a varied and large quantity of food, until, full at last, he forms a cocoon and goes to sleep.



Adult Non-Fiction

ABC's of Braille
by Bernard M. Krebs

Braille: 5-00200-00.....$55.00

Teaches the basics of braille.

Handbook for Learning to Read Braille by Sight
by Leland Schubert

Regular print: 7-51450-00.....$28.00

Beyond TV Dinners
by Patricia Canter

Braille: 5-13080-00.....$49.00

Large print: 4-02470-00.....$60.00

Includes beginning to intermediate cooking skills and recipes.

Cooking Without Looking
by Esther Knudson Tipps

Large print: 4-04060-00.....$52.00

Braille: 5-26140-00.....$78.00

Self-Esteem and Adjusting with Blindness
by Dean W. and Naomi R. Tuttle

Braille: 5-00500-00.....$178.00

Large print: L-96229-00.....$79.50

This classic book explores: the development of self-esteem, adjusting with blindness, and fostering self-esteem. Includes material from biographies and autobiographies of people who are blind.

New ***Robert's Rules of Order***

Long considered the authority on parliamentary procedure, this manual is a necessity for anyone who holds meetings. Newly revised, this edition is easier to use.

Braille: T-N1414-20.....$247.50

New **IXL Revolution™ Sport Ball**

"Sounding off" far beyond a traditional bell ball, the IXL Revolution™ Sport Ball is fun and easy-to-use. The ball continues to sound for approximately 20 seconds after it stops rolling, making it an ideal sound source for practicing sound localization skills. Younger children will enjoy rolling it and passing it back and forth with their playmates. The foam exoskeleton allows for children with limited fine motor skills to grasp the ball and play with their peers.

Note: We ship these balls in random colors.

IXL Revolution™ Sport Ball:
1-07511-00.....$5.00

Talking GlowDice

Rolling a die goes accessible! Push the "Roll" button and a randomly generated number between one and six is announced in digitial speech, and the corresponding number is displayed in bright blue LEDs. A "Play Back" button allows for a repeat of the digital voice announcement of the number rolled.

Takes four AAA batteries. Not included

Talking GlowDice: 1-07500-00.....$30.00

Web Chase

Web Chase is an originally designed board game by APH that is intended to develop important tactile skills within a fun, recreational context. As players navigate their hungry spiders through an insect-laden web, they learn to trace various raised lines, identify point symbols, and discriminated textures and shapes (of various prey)

Other concepts and skills developed include visual and tactual scanning, directionality, one-to-one correspondence, turn taking, counting, reading, sorting/organizing, problem solving, strategic planning, interpreting legends/keys, symbolic understanding, and following directions.

Web Chase's combined visual and tactile presentation makes it accessible to all players regardless of visual ability. Intended for ages 5 and older, Web Chase is a game of luck and skill and can be tailored for players' abilities.

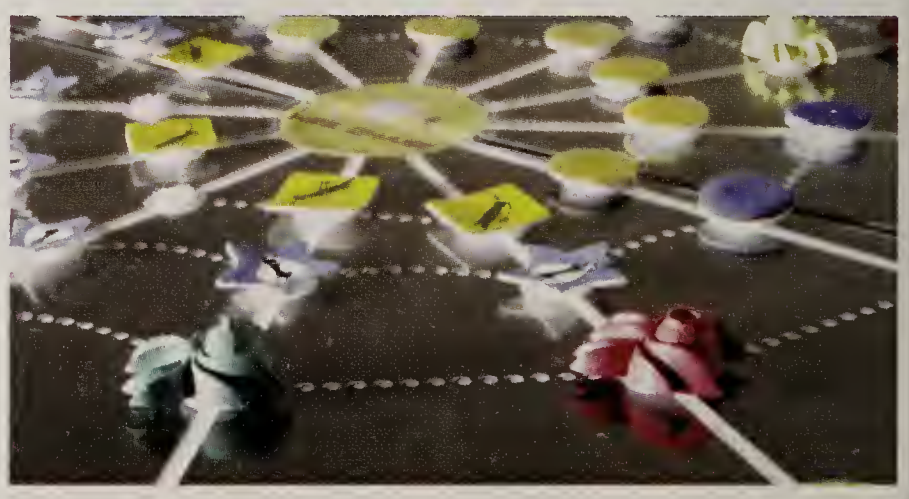
Includes

Glow-In-The-Dark Game Board, 3-D Spider Tokens, Basic Shape Prey, Textured Shape Prey, Advantage and Obstacle Cards, Lunch Trays, Card Holder, and Tactile Dice.

Catalog Number: 1-08460-00.....$TBA

Note: One-time application of velcro coins to the game board and lunch trays is required by the customer.

WARNING: Choking Hazard—Small Parts. Not intended for children ages 5 and under without adult supervision.

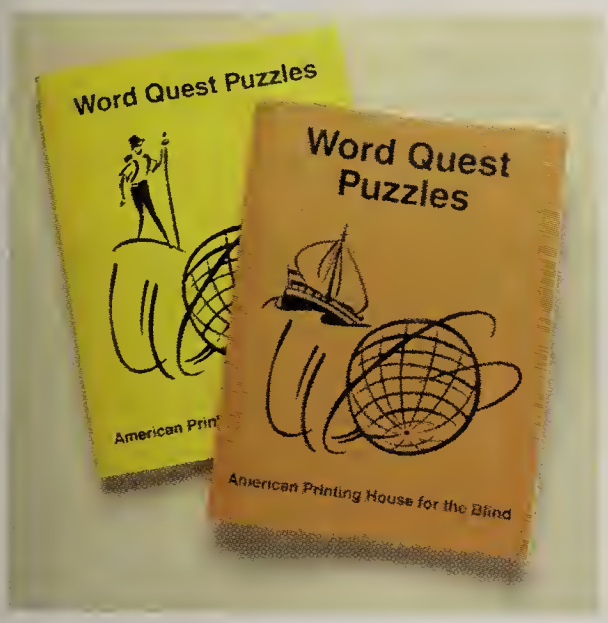


Disc Card Holder Set

Simple, light-weight device allows those who lack finger strength or dexterity to more easily hold a hand of cards. Consists of two plastic discs with foam pads in between. Cards friction fit between foam pads. Box of four discs in assorted colors (playing cards not included).

1-08441-00.....$6.00

Note: Not available with Federal Quota funds.



Word Quest Puzzles

This recreational / educational product presents classic "find-the-hidden-words-in-the-grid" puzzles in a large print format. Two sizes of letters are available to accommodate different users.

1/2 inch letters: 8-05101-00.....$5.00

1 inch letters: 8-05102-00.....$5.00

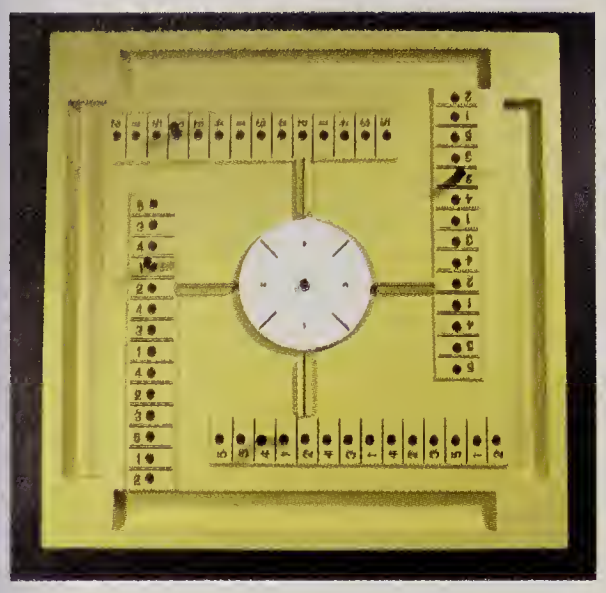
Game Kit

The Game Kit is a collection of common game parts designed for use by low vision or blind players.

Parts can be used to play games from the included handbook, to adapt commercial games, or to create new games. Can be used to build social skills or to review school subjects by means of a game.

Recommended ages: 5 years and older.

Game Kit: 1-08440-00.....$180.00



Ten Spot Game

Helps teach basic game skills, such as following directions, taking turns, and practice in simple addition. The object is to be the first to land on spaces whose numbers add up to 10. Pegs are used to move along a 14-hole "ladder" on the game board with the number of moves determined by a spinner. Spinner and holes are marked in braille and large type. Two- to four-player game. Instructions in print. Recommended ages: 6+

1-08920-00.....$92.00

The Game of Squares

Teaches basic game skills. Is an adaptation of the two-player pencil and paper game in which dots are connected to make squares. Two players alternate placing plastic "sides" on the board to enclose a square. Completed squares are covered with the player's marker; the player who covers the most squares wins. Game board has a 16-square game grid, and storage areas for game pieces. Instructions in print. Recommended ages: 6+

1-08430-00.....$48.00

Take Away Game

Two-player game helps children learn basic game skills. Players alternate spinning the spinner to determine how many pieces may be taken from the opponent. When a player has no pieces left, the other player wins. The spinner, mounted on a game board, is marked with braille and large type numbers. Two strips of metal hold the magnetic game pieces. 17 black, rough-textured pieces and 17 blue, smooth-textured pieces are included. Recommended ages: 5+.

1-08900-00.....$101.00

Score Card Set

Generic Score Card made of durable plastic. Has twenty "buttons" in two rows of ten. Push down on a button to register one event. Pop up buttons to clear. You can assign one row as the "tens" row to keep track of up to 110 events.

Includes one yellow and one green card. Instructions in print and braille.

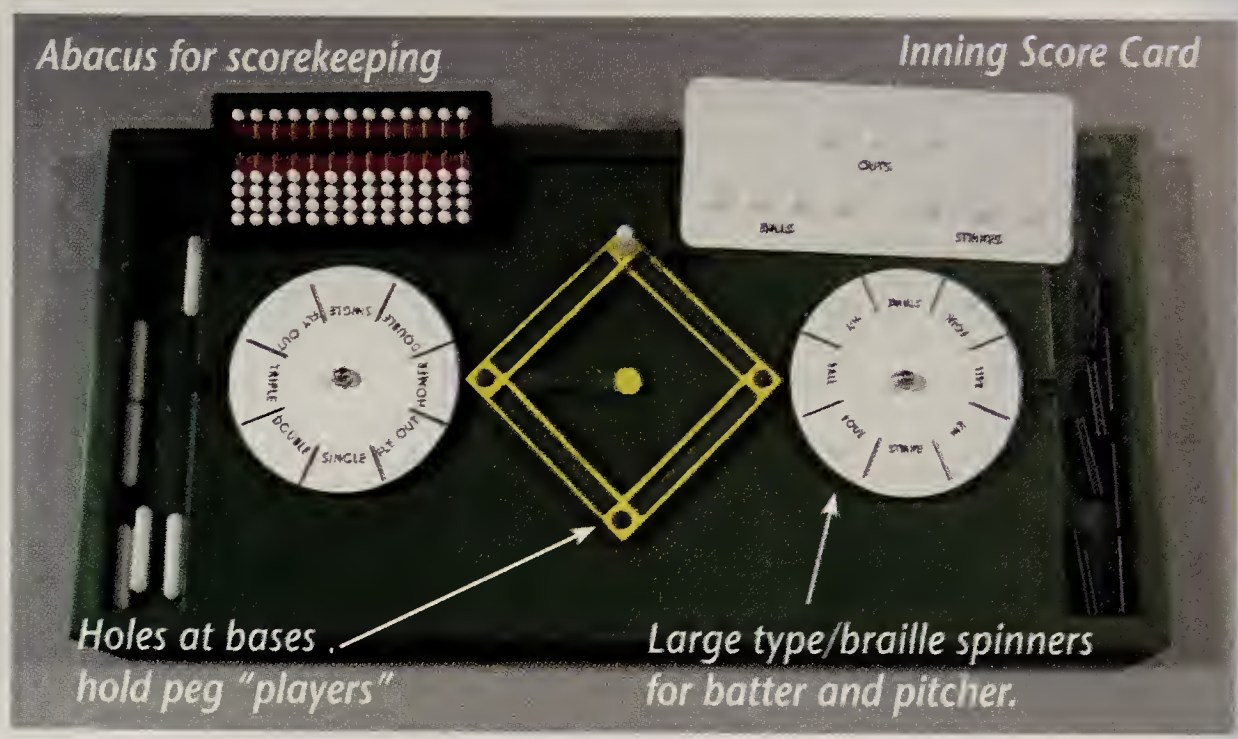
Recommended ages: All ages.

Score Card Set: 1-17001-00.....$10.25

Baseball Game

Players learn about the layout of a baseball diamond, the positions of players, and baseball terms while using math skills to keep score and to track balls, strikes, outs, and innings. Game board has high contrast colors, and textured base lines for tactual discrimination. Playing instructions are included in print. Recommended ages: 8 years and older.

1-08100-00.....$141.00



Items may differ slightly from those pictured.

Wooden Constructo Sets

Choose from two sets that help children to develop creativity, problem solving skills, muscular coordination, manual dexterity, and construction concepts. Construct all types of structures using various lengths of hardwood which have been drilled with holes. Lengths are linked together with color-coded nuts and bolts.

Recommended ages: 4+

Junior Constructo Set

Young children can construct simple shapes with this kit. Contains:

- Twelve red bolts and twelve yellow nuts
- Four right-angle joints
- Ten wooden lengths of various sizes

Constructo Junior: 1-03690-00.....$156.00

Constructo Set Supplement

Older children create more complex objects with this Supplement. Contains:

- Thirty-eight red bolts and thirty-eight yellow nuts
- Five right-angle joints
- Forty-one wooden lengths of various sizes

Constructo Supplement: 1-03200-00.....$445.00

Software

List of Software in This Catalog

APH Demo Disc (a free-of-charge promotional disc – email catalogs@aph.org for your complementary copy)

APHont™: A Font for Low Vision 108
Learn Keys™: Verbal Keyboard Feedback 67
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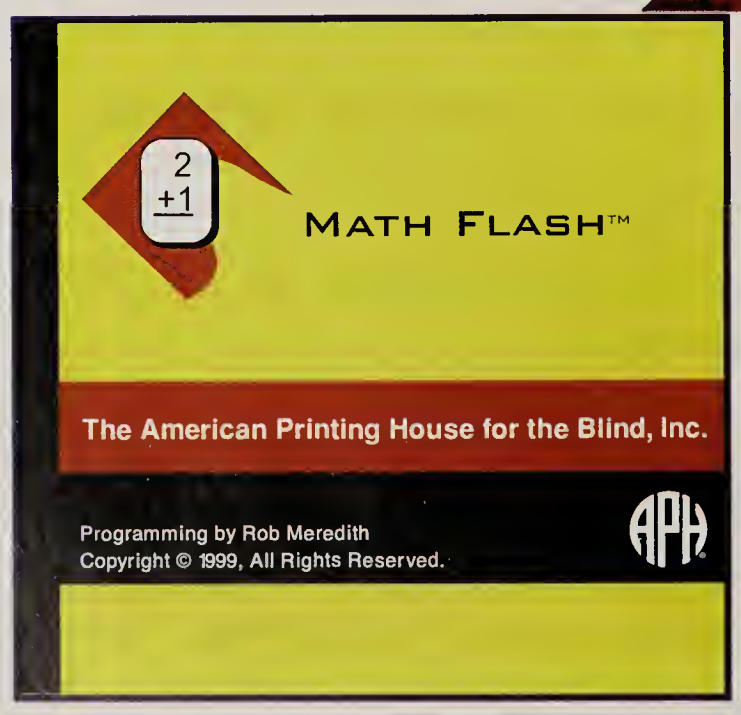
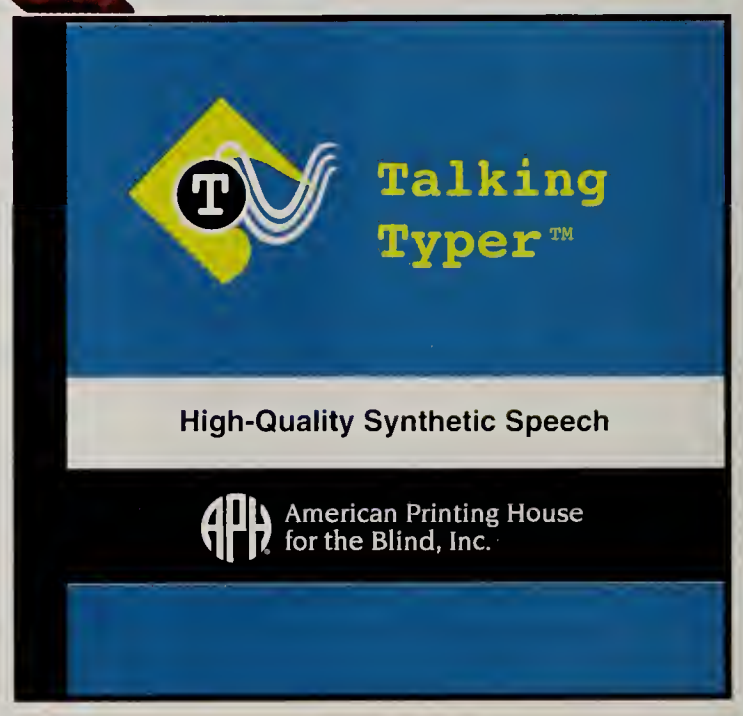
Studio Recorder™ 157
Talking Typer™ for Windows® –Revised! 66
Termite Torpedo™ 117





Videos

Opening Doors Through An Act to Promote the Education of the Blind

This 20 minute VHS video presents an overview of the 1879 Act to Promote the Education of the Blind. With students as the focus, this presentation concentrates on the Federal Quota Program, the annual census of blind students, and the role of Ex Officio Trustees in the administration of the Act.

For more information, call the APH Department of Educational and Advisory Services, ext. 300.

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Playing the Crucial Role in Your Child's Development 21
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Teen Scene: Portraits of Success 104

Books on the Go... Book Port!

What if you could carry fifty electronic books in your purse or pocket? What if you could cruise through any of these books finding specific page numbers? What if you could place marks at points of interest as you read and return to them at will?

Well, thanks to Book Port™, you can!

- Listen to files sent from your computer.
- Read text files in synthetic speech.
- Read DAISY Digital Talking Book files in digital human speech.
- Navigate through text forward or back by sentence, paragraph, or even section – Book Port recognizes pauses in human speech.
- Read translated contracted braille files.
- Play MP3 files.
- Send Web pages directly from within Internet Explorer.®

For a free catalog, call us at 800.223.1839 or visit www.aph.org.

American Printing House for the Blind, Inc.
Service Since 1858

Professional Items

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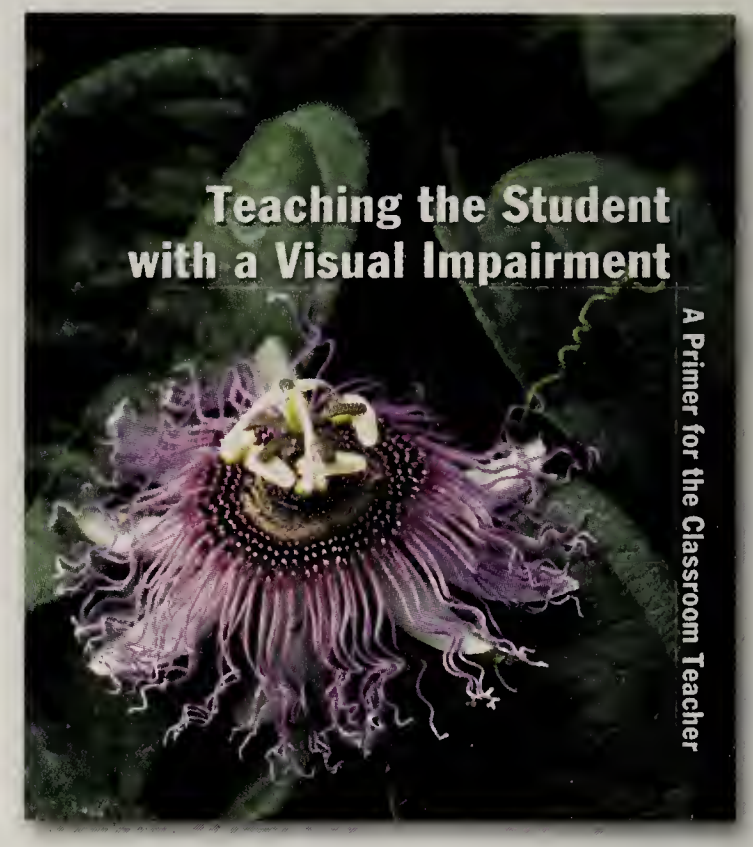
Teaching the Student with a Visual Impairment: A Primer for the Classroom Teacher (TSVI)



TSVI assists the all-inclusive classroom teacher in preparing for the unique educational needs of the student with a visual impairment.

Chapters include:

- Low Vision 101
- What Can My Student See?
- Making My Classroom Accessible
- Let's Focus on Academics
- How Can I Know My Student's World?
- Envision the Future

TSVI includes an extensive listing of agencies and organizations that serve persons with visual impairments and a materials tote with consumable forms for teachers, parents, and students.

***Teaching the Student with a Visual Impairment* (manual, binder, consumable forms, CD-ROM): 1-08290-00.....$58.00**

Materials Packet Only: 1-08290-01.....$15.00

Self-Esteem and Adjusting with Blindness: The Process of Responding to Life's Demands

By Dean and Naomi Tuttle

This classic book explores the development of self-esteem, attitudes toward blindness, and adaptability illustrated by biographies and autobiographies of people who are blind. It provides a clear and concise introduction for those entering the field of work with the blind, and also offers an excellent review and update for experienced practitioners. It will also provide the opportunity for those who are blind to examine their reactions, coping skills, and personal attitudes in order to live a positive and independent life. Print edition is 14 point type.

Braille: 5-00500-00.....$178.00

Print: L-96229-00.....$79.50

Loving Me: A Guide to Creating and Presenting Workshops on Self-Esteem

Loving Me, written by Billy T. Brookshire, is designed for those who seek to help people who are blind and visually impaired, their families, and the professionals who work with them explore the origin and expression of their self-esteem in a workshop format.

Loving Me's packaging in large print with a CD makes the information accessible to everyone. The two-binder set contains 120 activities from which to build self-esteem workshops. Children, transition-age youths, and adults can all benefit from the good balance between the theoretical and practical aspects of self-esteem in this book.

***Loving Me,* Print/CD Edition: 7-02500-00.....$96.00**

Studio Recorder™ Software

Originally created by APH to serve as an internal tool for creating direct-to-digital audio recordings, *Studio Recorder* PC software contains many features that make recording, editing, and proofreading audio books easy. It is a powerful digital recording and editing software package geared specifically for making recordings of the spoken word and includes features not found in similar programs primarily designed for music production.

These features include:

- Accessible to blind and visually impaired users
- Speed up playback with no pitch distortion
- Index tone generation and removal
- Three levels of phrase detection
- Instant open on large files
- Instant cut, copy, paste, delete
- Intercom functionality
- Simple user interface
- Multiple user marks and notes
- External controller support

Other features aid production of CDs and analog cassette tapes from digital masters.

***Studio Recorder* CD Version:**
D-03600-00.....$200.00

***Studio Recorder* Electronic Download:**
D-03600-ED.....$200.00

Minimum Requirements to Run *Studio Recorder* :

- PC running *Windows® 95, 98, ME, 2000, XP*
- 64MB RAM
- Pentium® 166 MHz
- *Windows* compatible sound card and speakers
- 5MB hard disk space for program installation
- Twice as much free hard disk space as the total size of the files which are to be edited at one time

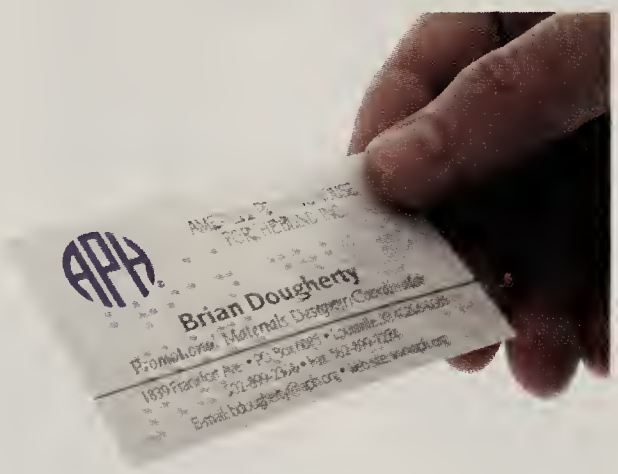
Find detailed software purchasing instructions in the "How to Order" section. Download APH Software Demos: www.aph.org/tech

The Impressor: Braille Business Card Embosser

Easily create your own braille business cards! Similar to the stamp used by notary publics. The die which embosses braille on your card is custom-made with your information.

Features:

- Easy to use: insert a standard 3 1/2 x 2 inch business card into the embosser.
- Squeeze – and your card is brailled instantly!
- Metal construction
- Acrylic base for one-hand operation
- Embosses up to 4 lines, 13 braille cells per line



Call us at 800-223-1839 to initiate an order. Then mail us a copy of your business card. We will then call you to confirm your information as it appears in braille.

Impressor: 1-03380-00.....$109.00

Revising Your Impressor

Should the information on your business card change, we can easily revise your Impressor. Call us at 1-800-223-1839 for more information.

Impressor Revised: 1-03380-01.....$45.00

Note: Impressor or Revision not available on Quota.

It's TOUGH!

Materials Carry-All

This sturdy, lightweight container for storing and transporting materials of all types has been completely revised. Now the hinged lid is attached to the base and includes integrated plastic latches for convenience and ease of use. The side-opening design provides more usable space with better visibility of contents.

Measures 10 1/2 x 27 x 16 inches.

Materials Carry-All:
1-02592-00.....$47.00

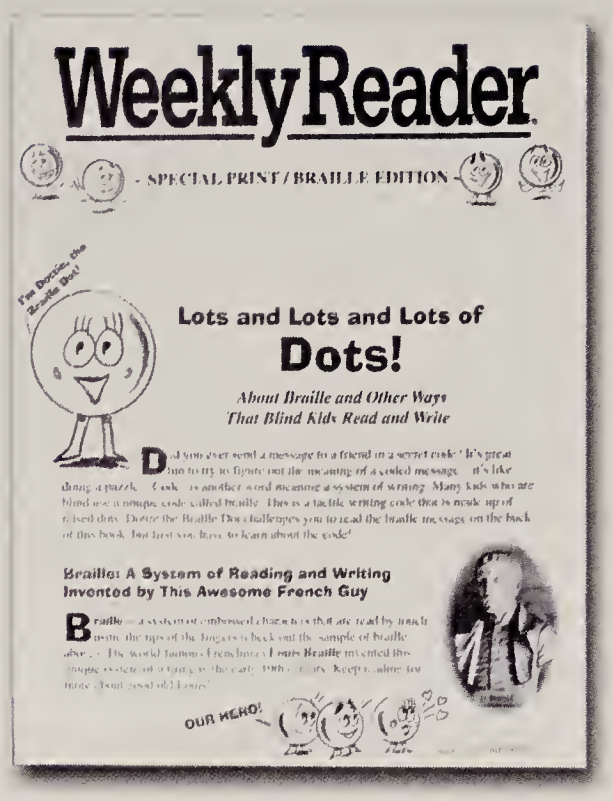
Weekly Reader®: Special Print/Braille Edition

Fun and educational publication for print readers who want to learn more about the way kids who are blind read and write. Lively cartoon characters help you learn about the braille code, Louis Braille, braille equipment, large type, Talking Books, and adapted computers. Regular print publication with samples of braille.

Up to five copies available free on request by phone. Sold individually.

Recommended ages: 8 years and older.

Z-SMWR97.....$1.00


Weekly Reader

- SPECIAL PRINT / BRAILLE EDITION -

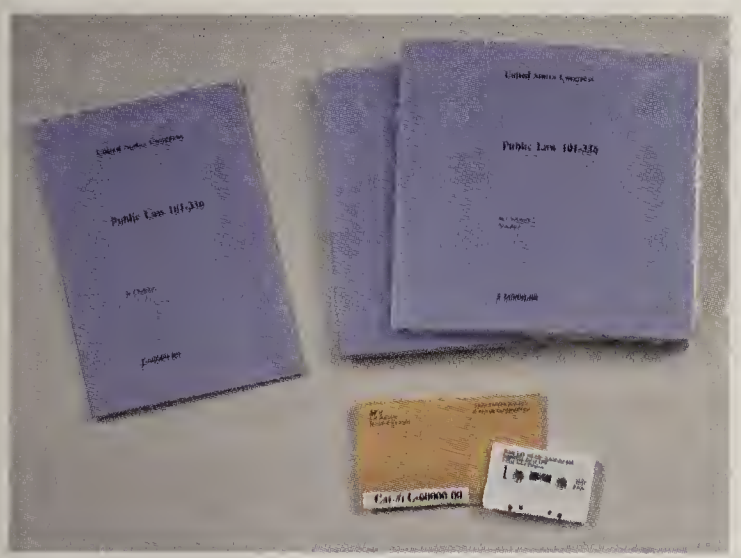
Lots and Lots and Lots of

Dots!

About Braille and Other Ways That Blind Kids Read and Write

Braille: A System of Reading and Writing Invented by This Awesome French Guy

OUR HERO!



The Americans with Disabilities Act (ADA), Accessible Editions

Become familiar with what has been referred to as "The Civil Rights Act for the Disabled." This is the text of Public Law 101-336, Americans with Disabilities Act (ADA) of 1990.

Braille: 5-60000-00.....$28.00

Cassette Tape: C-60000-00.....$14.50

Large Type: J-60000-00.....$14.50

Note: Not available on Quota.

Note: This document is also available for loan from the National Library Service for the Blind and Physically Handicapped (NLS).

ABCs of Braille

By Bernard M. Krebs

ABC's of Braille is a simplified introduction to the characters and rules of English Braille geared to the requirements of children from the ages of 9-12. The plan and layout of instruction material feature a number of devices which are designed to assist both the teacher and the student.

Braille Edition: 5-00200-00.....$55.00

Handbook for Learning to Read Braille by Sight

By Leland Schubert

A basic manual for learning contracted braille, designed specifically for sighted parents, teachers, and others.

Regular Print: 7-51450-00.....$28.00

Braille Codebooks - NLS

Through a national network of cooperating libraries, The National Library Service for the Blind and Physically Handicapped (NLS) administers a free library program of braille and audio materials circulated to eligible borrowers in the United States. NLS also publishes a wide range of authoritative books on learning various braille codes. Here are our popular sellers from NLS.

Introduction to Braille Mathematics, 1972

Braille: 5-60050-00...$157.00

Print: 7-60050-00...$55.00

Instruction Manual for Braille Transcribing, 4th Edition, 2000

Braille: 5-59880-00...$136.00

Print: 7-59880-00...$25.00

Drills Reproduced in Braille, 2000

(Supplement to *Instruction Manual for Braille Transcribing, 4th Edition, 2000*)

Braille: 5-59920-00...$8.00

Introduction to Braille Music Transcription, 1972 (includes 1974 Addenda A-C)

Braille: 6-75960-00...$161.00

Print: 8-75960-00...$58.00

Braille Codebooks – BANA

The mission of the Braille Authority of North America (BANA) is to assure literacy for tactile readers through the standardization of braille and tactile graphics. It publishes rules for formatting and serves as the authority for braille transcribing. The following BANA titles are available in both print and braille editions.

English Braille, American Edition, 1994, Revised 2002

Braille: 5-35932-00.....$20.00

Print: 7-35932-00.....$20.00

Braille Formats: Principles of Print to Braille Transcription, 1997

Braille: 5-09652-00.....$30.00

Print: 7-09652-00.....$30.00

Nemeth Code for Mathematics and Science Notation, 1972 Revision

Braille: 5-87430-00.....$40.00

Print: 7-87430-00.....$40.00

Addendum 1 to the Nemeth Code for Mathematics and Science Notation, 1972 Revision: Ancient Numeration Systems

Braille: 5-68654-00.....$5.00

Print: 7-68654-00.....$5.00

Braille Code for Chemical Notation, 1997

Braille: 5-16900-00.....$20.00

Print: 7-16900-00.....$20.00

Code for Computer Braille Notation, 2000

Braille: 5-24410-00.....$20.20

Print: 7-24410-00.....$20.20

Computer Braille Code: Flowchart Design for Applicable Braille Codes Supplement, 1992

Braille: 5-24440-00.....$17.00

Print: 7-24440-00.....$17.00

Guidelines for Linear Braille Format, 1987

Braille: 5-09650-00.....$2.50

Print: 7-09650-00.....$2.50

Music Braille Code, 1997

Braille: 5-09651-00.....$41.00

Print: 7-09651-00.....$41.00

Learning the Nemeth Braille Code: A Manual for Teachers and Students, 1997

Braille: 5-68653-00.....$32.00

Print: 7-68653-00.....$32.00

"Special Touch" Gift Items

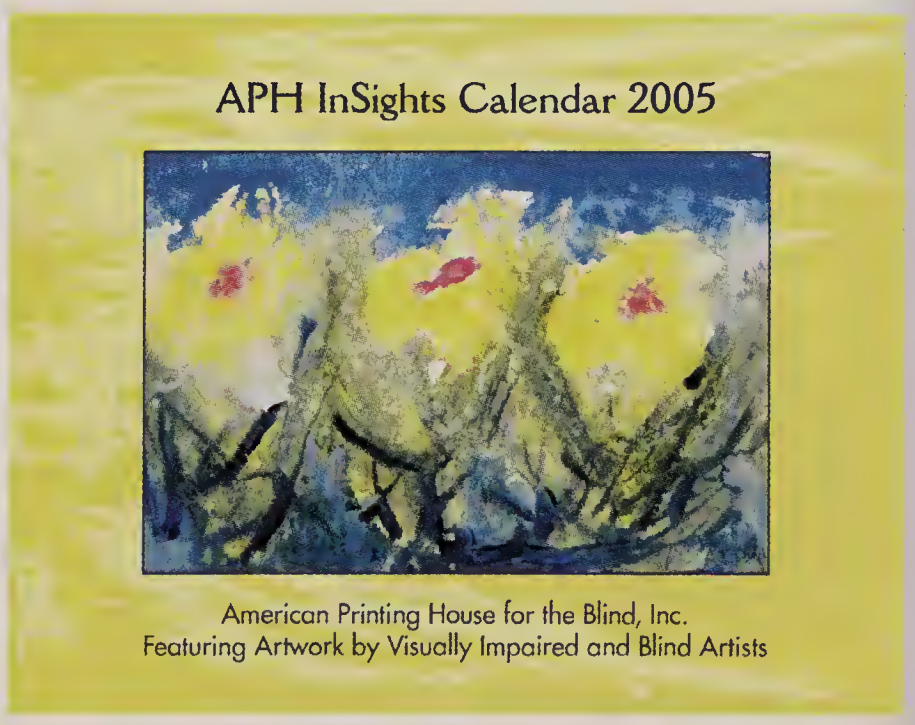
APH "Special Touch" Gift Items

APH has fun and useful gift items for the whole family!

Note: APH gift items are not available for purchase with Federal Quota funds. For gift items, the customer is required to pay shipping and handling–please contact us for more details.

For APH shirts, simply order by the catalog number listed in the chart under the corresponding size and color.

APH InSights Large Print/Braille Art Calendar



Twelve month large print/braile calendar features the artwork of visually imparied artists. Includes months, days, hoidays, and moon phases. Use at a desk or hang on a wall. Pages fold over easily.

Makes a Great Fund-Raiser

Art calendars can be purchased in quantities at a special price for fund-raising projects. Your group's name can be printed and brailled on a special version of the cover. Fund-raising questions and orders should be directed to APH's Contract Administration Office, 1-800-223-1839. Recommended Ages: 4+

Single copy, APH InSights Calendar 2005: 5-18971-05.....$7.50

Note: The APH Insights Calendar MAY be purchased with Federal Quota funds; however, quantity purchases of this calendar for fund-raising purposes MAY NOT be purchased with Federal Quota funds.

Short Sleeve Braille T-Shirts

The front of this high quality, 100% cotton shirt has an APH logo in the upper left, while the back has a braille alphabet in puff ink and the slogan "We Have a Special Touch!"

Short Sleeve Braille T-Shirts (adult sizes only) – $10.00 each

Color	Small	Medium	Large	X-Lrg	XX-Lrg
Ash Gray	W-TSGY-SM	W-TSGY-MD	W-TSGY-LG	W-TSGY-XL	W-TSGY-XX
Black	W-TSBK-SM	W-TSBK-MD	W-TSBK-LG	W-TSBK-XL	W-TSBK-XX
Jade	W-TSJD-SM	W-TSJD-MD	W-TSJD-LG	W-TSJD-XL	W-TSJD-XX
Navy	W-TSNY-SM	W-TSNY-MD	W-TSNY-LG	W-TSNY-XL	W-TSNY-XX
Red	W-TSRD-SM	W-TSRD-MD	W-TSRD-LG	W-TSRD-XL	W-TSRD-XX
Royal Blue	W-TSDB-SM	W-TSDB-MD	W-TSDB-LG	W-TSDB-XL	W-TSDB-XX
White	W-TSWH-SM	W-TSWH-MD	W-TSWH-LG	W-TSWH-XLG	W-TSWH-XX
Yellow	W-TSYL-SM	W-TSYL-MD	W-TSYL-LG	W-TSYL-XLG	W-TSYL-XX

Note: No Quota funds.

APH Sweat Shirts

These heavy-weight cotton/polyester blend sweat shirts (long sleeve) have an APH logo on the front in the upper left.

Note: No Quota funds.

APH Sweat Shirts (adult sizes only) – $14.00 each

Color	Small	Medium	Large	X-Lrg	XX-Lrg	XXX-Lrg
Ash	W-SSAS-SM	W-SSAS-MD	W-SSAS-LG	W-SSAS-XL	W-SSAS-XX	W-SSAS-XXX
Navy	W-SSNA-SM	W-SSNA-MD	W-SSNA-LG	W-SSNA-XL	W-SSNA-XX	W-SSNA-XXX

The Power of the Dream
Music CD by Terry Kelly

The Power of the Dream is the latest CD from inspirational singer/songwriter Terry Kelly. Kelly, who is visually impaired, says of this album:

"I have discovered that the power of the dream gives hope, strength, courage, empowerment, and brings about profound transformation in individuals and groups of people, if one simple rule is followed – honor the dream by taking action."

The Power of the Dream contains 13 uplifting songs and a print / braille booklet with a limited amount of information in braille. The disc is an enhanced CD that can be inserted into your PC or Mac® for access to additional information, such as the song lyrics and articles about braille and braille music.

You can hear clips from this album by visiting www.terry-kelly.com/power.htm.

***The Power of the Dream*, ©2002: W-DREAM-CD.....$12.00**

Not available for purchase with Federal Quota funds.

Braille Key Chain

Features a plastic rectangular solid that rotates in three sections, somewhat like the popular Rubik's Cube®. As the faces of the three sections turn, different braille characters are formed. A copper-colored metal chain with a key ring is attached to the top of the rectangle.

W-BRKC-AA.....$4.00

Note: No Quota funds.

The Gathering
APH InSights Art Note Card

This blank note card features a delightful artwork by a visually impaired second grader who has depicted her entire family holding hands. The card is printed on heavy, quality stock and includes a braille insert with the name of the artwork and artist. 10 cards with envelopes.

W-NTCD-AF.....$8.00

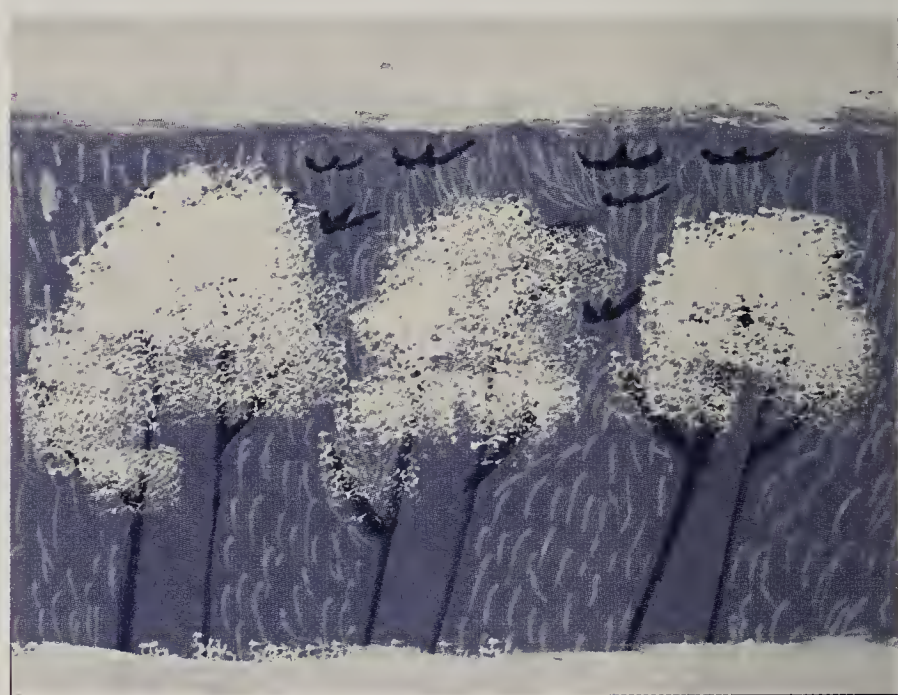
Note: Not available on Quota.

Cold Winter Forest Note Card

Created from a painting by Mike Douglas, a visually impaired student, this blank note card depicts a snow-covered forest with birds flying overhead. Print/braille legend. Six cards with envelopes.

W-NTCD-AA.....$5.00

Note: Not available on Quota.



Roller Coaster & Others
APH InSights Art Note Cards

Set of five different blank note cards featuring artwork by visually impaired students from New York to California. Print/braille legend. 10 cards (two of each design) with envelopes.

W-NTCD-AB.....$6.00

Note: Not available on Quota.

Mm Mm Good (apple) & Others
APH InSights Art Note Cards

Set of blank note cards features two-dimensional artworks of five visually impaired students and adults from across the U.S. Print/braille legend. Five cards (one of each design) with envelopes.

W-NTCD-AC.....$3.00

Note: Not available on Quota.

Storyteller & Others
APH InSights Art Note Cards

Set of blank note cards features three-dimensional artworks of five visually impaired students and adults from across the U.S. Print/braille legend. Five cards (one of each design) with envelopes.

W-NTCD-AD.....$3.00

Note: Not available on Quota.

Tropical Birds & Others
APH InSights Art Note Cards

Set of blank note cards highlights artwork by visually impaired students and adults from across the U.S. Print/braille legend. 10 cards (two of each design) with envelopes.

W-NTCD-AE.....$6.00

Note: Not available on Quota.

Winter Solace
APH InSights Art Holiday Card

This holiday card features serene artwork by visually impaired adult artist, Lucille "Honey" Knechtel. The printed/tactile card features a bridge over a snowy river and the print/braille message: "Wishing you a beautiful holiday season." Each set of cards includes a braille insert with the name of the artwork and artist. Ten cards with envelopes.

W-HDCD-AD....$10.00

Note: Not available on Quota.

May Your Light Shine
APH InSights Art Holiday Card

Holiday card features the artwork of Margo Langohr, an 81-year-old visually impaired artist. This inspirational painting depicts a woman reaching toward a shooting star. Die-cut, tactile star shape. Print/braille greeting reads "May Your Light Shine...." 10 cards (all of one design) with envelopes.

W-HDCD-AA.....$6.00

Note: Not available on Quota.

Sunset on a Ski Slope
APH InSights Art Holiday Card

Depicts a hillside covered with snow and evergreen trees. By Barbara Zochowski, a visually impaired student artist. Die-cut and embossed trees. Print message reads: "May the Joy of Your Holidays Be Evergreen...." 10 cards (all of one design) with envelopes.

W-HDCD-AB.....$6.00

Note: Not available on Quota.

Snow Walker
APH InSights Holiday Card

Whimsical painting of a visually impaired snowman with a cane. By Adrianna Gamble, a visually impaired student artist. Image is printed and embossed. Print/braille message reads: "Happy Holidays!" 10 cards (all of one design) with envelopes.

1-05201-99.....$10.00

Note: Not available on Quota.

Sun Flower
APH InSights Art Birthday Card

Highlights *Sun Flower*, a print by visually impaired adult artist Grace Jacobian. Flower is printed and embossed. Print/braille message reads: "Sunny Wishes on Your Birthday!" Five cards (all of one design) with envelopes.

W-BDCD-SF.....$5.00

Note: Not available on Quota.

Early Braille Delivery
Limited Edition Art Print

Visually impaired artist Rick Moore created *Early Braille Delivery*. Print is a reproduction of a pencil drawing that depicts a horse-drawn wagon leaving APH's 1883 building to deliver braille publications to the post office. Prints are signed and numbered. Measures 14 x 18 1/2 inches and is on printed nonacidic paper. Signed version is limited to 500 copies.

W-PRINT-AA.....$20.00

Note: Not available on Quota.

Coming Soon!

Watch for these new APH products soon to be released! Catalog numbers and prices will be announced on the web site, in the Louis Database, and in the *APH News* once they are in stock.

Activity Guide for Light Box Level I, Spanish Edition

Soon to be produced in a Spanish edition, these materials are designed to be used with the APH Light Box to teach basic visual skills, eye-hand coordination, and simple matching skills.

Verbal View of Windows® XP Software

A comprehensive tutorial for *Windows® XP* that teaches the use of key strokes rather than the mouse, and is not dependent on a particular screen reader.

Collegiate Bold-Line Spiral Notebook

The Bold-Line Spiral Notebook now comes in college ruled paper, with lines ruled at 7/16" intervals. The more closely spaced lines, yellow paper, and heavy-duty covers, increases writing space, reduces glare and eye strain, and improves durability.

Teacher's Pet Software

An accessible test creation and administration program for use by parents or teachers who wish to create accessible drill and practice exercises or tests for blind and visually impaired students.

Sense of Science: Animals

This extensive kit includes separate visual and tactile overlays that can be used on a light box to reinforce animal-related science concepts encountered through the included guidebook. Overlays isolate the parts of various animals; other animal-related processes are provided as well.

Word Player Software

An MP3 player designed especially for spoken word digital audio files, as opposed to music files. The player allows the user to have complete control of the rate of speech and the ability to navigate through the text.

Book Wizard Reader Software

Read and navigate digital books with full DAISY 3.0 compatability. Navigate by word, line, paragraph, or by phrase.

Armadillo Army Software

Have hours of fun helping Tex evade armadillos while he gathers prizes in a game made especially for players with low vision. *Armadillo Army* uses unique images and special sounds to help guide players around the maze.

Talking Word Puzzles Software

This accessible word puzzle program lets you create hidden word and crossword puzzles and provides high quality speech feedback while navigating through the puzzle grids.

IntelliTactiles Prebraille Concepts

Seven visual/tactile overlays for use with the commercially-available IntelliKeys® keyboard, or as stand-alone "worksheets," to develop young children's tactile discrimination skills, shape recognition abilities, and understanding of many spatial/positional concepts.

Quick Pick: Counting

Quick Pick: Counting gives players the opportunity to count from zero to twelve raised-line symbols and identify the correct braille or print number corresponding to the number of symbols on the card.

Other Services from APH

This section contains information on selected services offered by APH. For complete information about APH services, please visit www.aph.org or call customer service at 1-800-223-1839.

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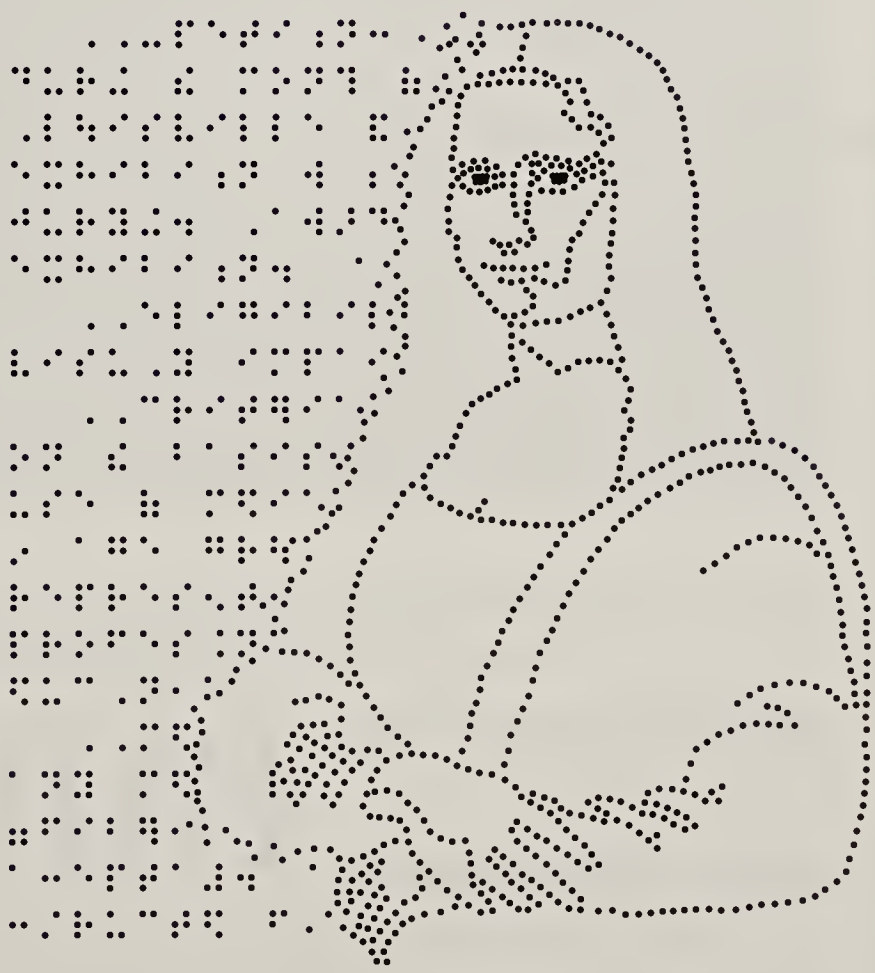
APH InSights Annual Juried Art Competition and Exhibition

Each year APH sponsors a juried art competition and exhibition designed exclusively for blind and visually impaired artists of all ages. From the hundreds of entries received, works are chosen to be exhibited at APH's Annual Meeting and on our web site. Award winners are selected in each of nine categories.

Submissions to APH InSights may include sculpture, pottery, weavings, photographs, prints, paintings, etc. Entries are judged by professionals from the field of the arts. Artwork is judged on originality of concept, expressive use of media, and artistic excellence.

Please contact the APH Public Affairs and Special Projects Manager for more information on APH InSights.



APH and Your Agency!

Burns and Allen

Bogie and Bacall

Rogers and Astaire

Lewis and Clark

Laurel and Hardy

Dicker and Dicker

Abbott and Costello

Wells and Fargo

Martin and Lewis

Peanut Butter and Jelly

Bonnie and Clyde

Batman and Robin

Simon and Garfunkel

Holmes and Watson

Cassidy and Sundance

Mason and Dixon . . .

APH wants to add your agency to our growing list of partners! Through the National Instructional Partnerships, APH provides in-depth instruction in certain curriculum areas and the use of APH products to teach skills in those areas. APH provides expert presenters and our partners work with us to promote events, provide meeting space, assist with event logistics, and more.

Some of our partners have included:

- Clearinghouse for Specialized Media and Technology and the California Transcribers and Educators for the Visually Handicapped for the "Cortical Visual Impairment: What You See Is Not Always What You Get" event
- New Mexico School for the Visually Handicapped for the "Loving Me: Secrets of Self-Esteem" event
- Braille Institute of America and the Center for the Partially Sighted for the "Cortical Visual Impairment: Pathways to Intervention" event
- Georgia Academy for the Blind for the "Communications Skills for Students with Multiple Disabilities" event

For more information about partnering with APH to sponsor a training opportunity, contact Janie Humphries: 1-800-223-1839 ext. 367, jhumphries@aph.org, or log on to our web site, www.aph.org.

THE NATIONAL INSTRUCTIONAL PARTNERSHIPS

Make your Materials Accessible with Custom Media Production from APH

APH Custom Media Production – Your Source for Accessible Materials!

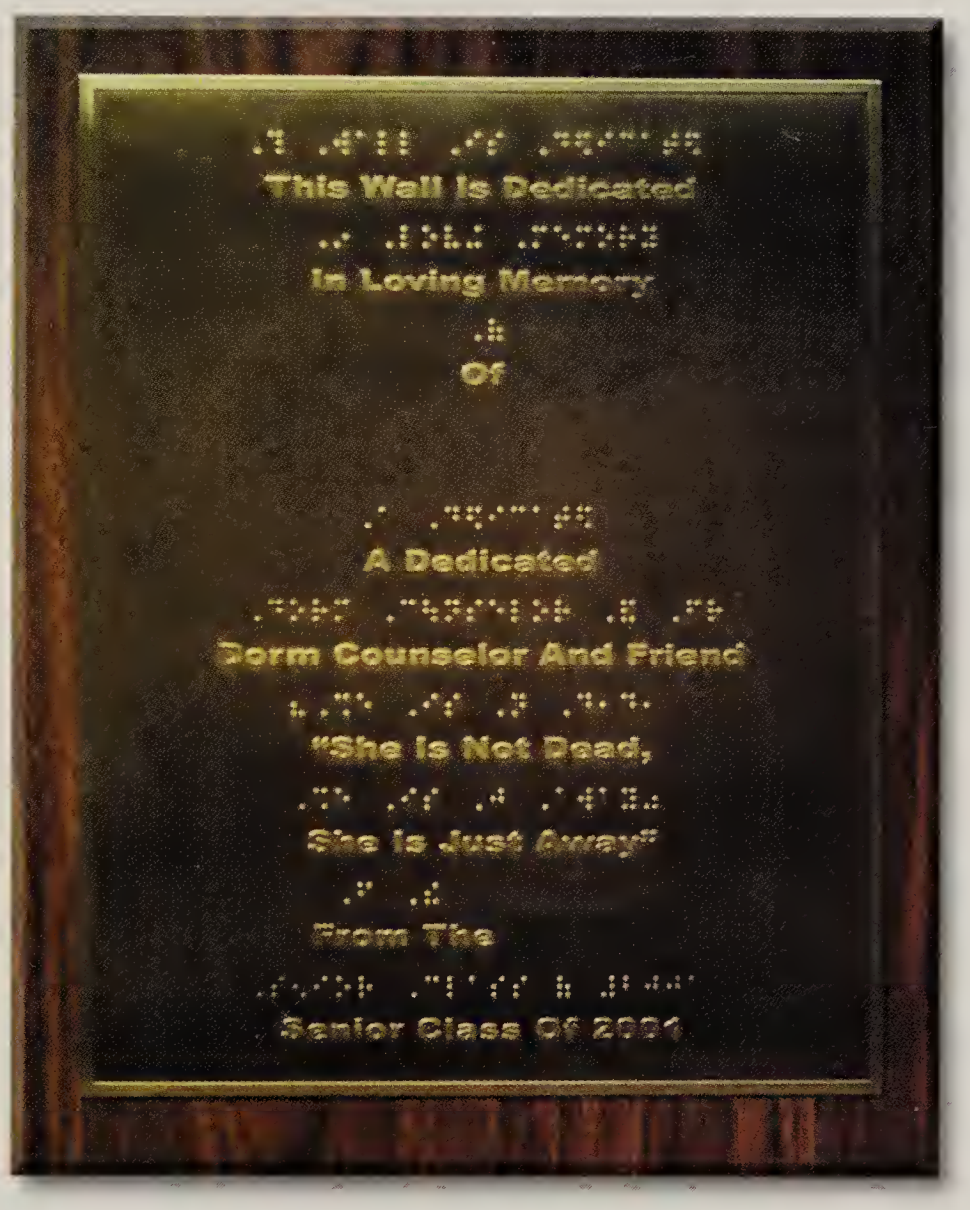
Make your most important business, marketing, and financial documents available to your blind or visually impaired customers, employees and share holders.

Types of Media APH Can Produce for You:

- Braille
- Large Print
- Audio
- Tactile Graphics

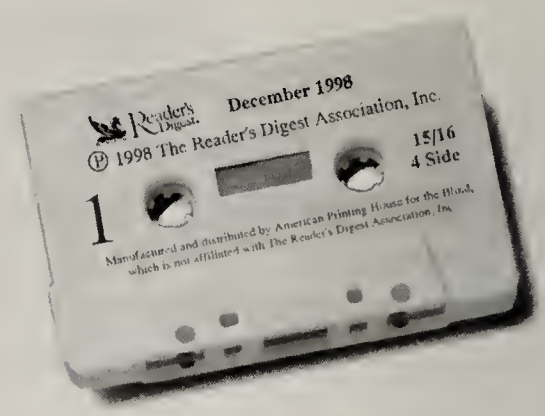
Create Accessible:

- Annual Reports
- Product and Services Literature
- Menus
- Utility Company and Commercial Invoices
- Transportation Schedules
- Sales Brochures
- Books
- Letters
- Maps
- Floor Plans
- Magazines
- Plaques
- Policies
- Pamphlets
- Procedures and Regulations



New APH plaque design available in nickel, yellow brass, or copper.

Contact the APH Contract Administration Department at 1-800-223-1839 or e-mail us at contracts@aph.org.



Magazines in Accessible Editions: *Reader's Digest®* and *Newsweek®*

Magazine	Format	Annual Subscription Fee
Reader's Digest®	Braille	$171.00 (optional)
	Cassette Tape (15/16, 4-Track)	$17.00 (optional)
Newsweek®	Cassette Tape (15/16, 4-Track)	$51.00 (optional)

Blind U.S. citizens are eligible to subscribe to these publications. If you are unable to pay the subscription rate, we invite you to subscribe free of charge. Contributions to defray the production costs are accepted. Gift subscriptions are available at the above rates. Non-U.S. citizens must pay the above subscription costs.

Note: *Reader's Digest®, Large Type Edition* is not published by APH, but is available directly from The Reader's Digest Large Print Edition / P.O. Box 8177 / Red Oak, IA 51591 / 1-800-807-2780.

Reader's Digest is a trademark of The Reader's Digest Association, Inc.; *Newsweek* is a trademark of Newsweek, Inc.

APH News – Your APH Connection!

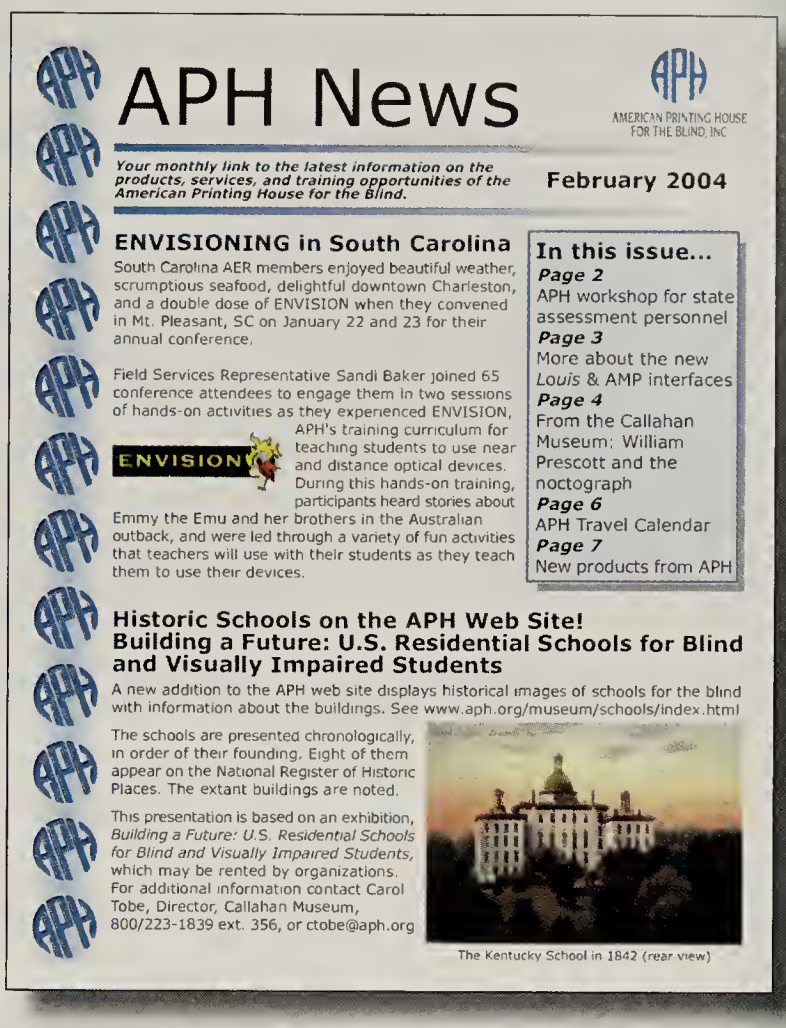
APH News is a monthly web newsletter featuring the latest products and services offered by APH, as well as introductions to new APH staff, news about APH workshops and events, and much more. Visit www.aph.org and click on "New at APH" to read *APH News*.

You can receive a monthly email containing a link to the latest issue of *APH News*. Send an email to:

aphinfo-request@iglou.com

Include the following in the body of the email: subscribe. Leave the subject line blank.

Note: APH will never share your information with another organization.



APH News

AMERICAN PRINTING HOUSE FOR THE BLIND, INC

Your monthly link to the latest information on the products, services, and training opportunities of the American Printing House for the Blind.

February 2004

ENVISIONING in South Carolina

South Carolina AER members enjoyed beautiful weather, scrumptious seafood, delightful downtown Charleston, and a double dose of ENVISION when they convened in Mt. Pleasant, SC on January 22 and 23 for their annual conference.

Field Services Representative Sandi Baker joined 65 conference attendees to engage them in two sessions of hands-on activities as they experienced ENVISION, APH's training curriculum for teaching students to use near and distance optical devices. During this hands-on training, participants heard stories about Emmy the Emu and her brothers in the Australian outback, and were led through a variety of fun activities that teachers will use with their students as they teach them to use their devices.

In this issue...

Page 2 APH workshop for state assessment personnel
Page 3 More about the new *Louis* & AMP interfaces
Page 4 From the Callahan Museum: William Prescott and the noctograph
Page 6 APH Travel Calendar
Page 7 New products from APH

Historic Schools on the APH Web Site!
Building a Future: U.S. Residential Schools for Blind and Visually Impaired Students

A new addition to the APH web site displays historical images of schools for the blind with information about the buildings. See www.aph.org/museum/schools/index.html

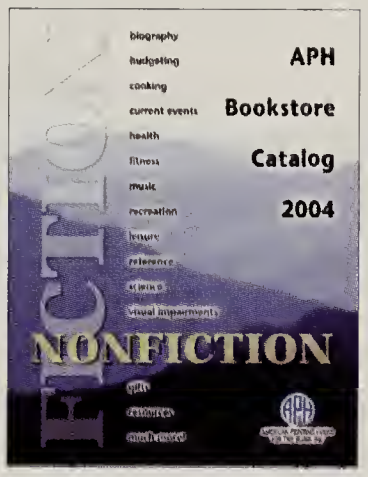
The schools are presented chronologically, in order of their founding. Eight of them appear on the National Register of Historic Places. The extant buildings are noted.

This presentation is based on an exhibition, *Building a Future: U.S. Residential Schools for Blind and Visually Impaired Students*, which may be rented by organizations. For additional information contact Carol Tobe, Director, Callahan Museum, 800/223-1839 ext. 356, or ctobe@aph.org

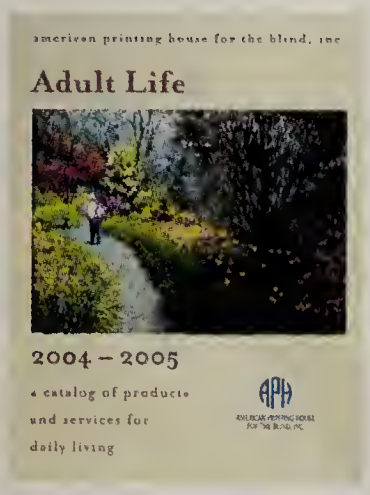
The Kentucky School in 1842 (rear view)

Six Different APH Catalogs Available!

The American Printing House for the Blind offers six different catalogs to help meet your educational and daily living needs.



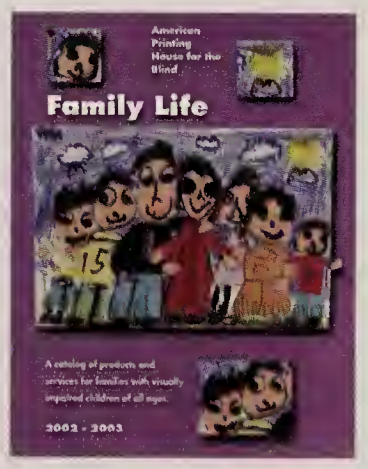
- *Products Catalog* – our complete line of products
- *Family Life Catalog* – products for families with visually impaired children
- *Adult Life Catalog* – products for everyday living
- *New Textbooks in Braille and Large Print*



- *APH Bookstore Catalog* – leisure reading in accessible formats
- *APH Demo Disc* – CD-ROM containing accessible editions of the above catalogs plus software demos

Each catalog is available in print and one or more accessible media.

Catalogs are available over the web at www.aph.org or by calling 1-800-223-1839.



About the Accessible Textbook Initiative and Collaboration (ATIC)

The strategic vision of the ATIC Department, a textbook division of APH, is to effectively respond to the textbook needs of blind and visually impaired students by delivering custom-produced accessible textbooks in a variety of media in a timely manner.

In addition to "hard copy" textbooks, this commitment provides textbooks through on-demand braille transcription or large print, as well as in electronic media that can be downloaded from a file repository on our web site.

New Small-Size Large Print Books: A Revolution in Textbook Design!

The new ATIC Large Print Process is now fully available. This process uses proprietary software to create large print textbooks at standard textbook size! Inclusive classroom students appreciate carrying textbooks that look just like those of their peers. This standard-size ATIC textbook is full-color with a minimum 18-point font size.

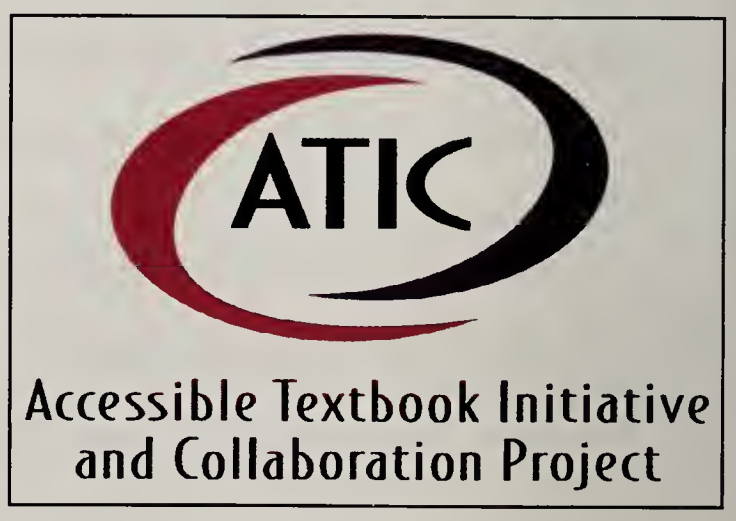
Note that the traditional APH enlarged text process continues to be available – but now all books are in full color (if the original submitted book is in color). These are the books in the larger-size binding.

ATIC Braille Textbooks Available

ATIC continues to offer braille textbooks that feature full-color covers and a unique, easy-to-handle fold-back binding.

ATIC Workshops Available

ATIC offers training in ATIC's textbook transcription specifications, "Promising Practices for Transcribing Early Literacy Textbooks and Materials," created by APH and the Braille Authority of North America (BANA). In addition, ATIC offers a 2-day workshop on "Creating Tactile Graphics for Textbooks." Contact ATIC for more details on training opportunities.



To order an ATIC textbook in braille or large print you can download the order form at www.aph.org or contact atic@aph.org.

Come Visit Our House!

Tours of APH

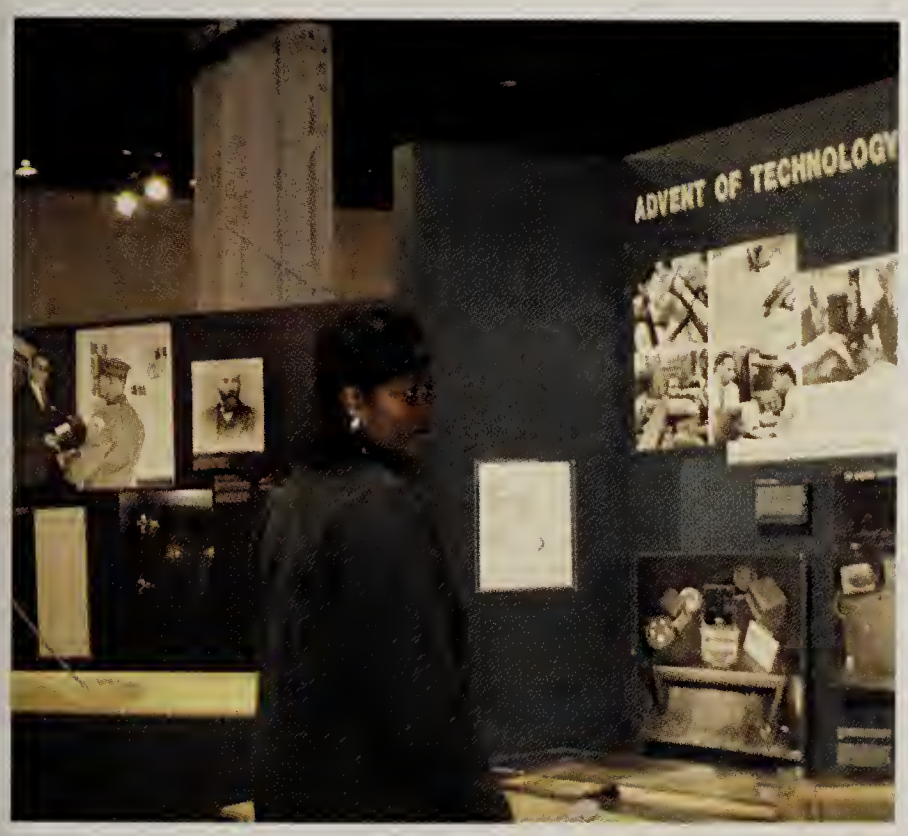
APH offers a fascinating guided tour of its historic facility. Visitors will see the production of braille publications, the recording of Talking Books, and a demonstration of educational products. Tours can be customized for your group's interests. Advance reservations are required for groups of ten or more people.

Tour Hours

Tours each day at 10:00 a.m. and 2:00 p.m. Eastern Time, Monday-Thursday, except holidays. Tour length: 1 to 1 1/2 hours.

APH Museum

The history of the education of people who are blind is presented in APH's unique multi-media Callahan Museum. Artifacts, photos, and electronic displays present such topics as the development of braille, the history of the braillewriter, and the history of Talking Books. All displays are accessible to people who are blind or visually impaired.



Museum Hours

8:30 a.m. to 4:30 p.m. Eastern Time, Monday-Friday, except holidays.

Facility

APH is located in the historic Louisville neighborhood known as Clifton, with easy access to nearby I-64, I-65, and I-71. Motor coach parking is available on the street. Our building is wheelchair accessible.

New Hall of Fame for Leaders and Legends of the Blindness Field

APH is home to the new Hall of Fame dedicated to preserving and honoring the history of outstanding professionals who have served in the fields of education and rehabilitation of people who are blind or visually impaired. The Hall is a project that has wide support across the entire field of vision. Inductees include Helen Keller and many others who have made remarkable contributions to the lives of visually impaired people. The Hall includes accessible multimedia displays and artifacts and is free-of-charge. Visit the virtual Hall of Fame at www.aph.org.

For more information, contact the APH Public Affairs Department at 502-895-2405, ext. 356 or 1-800-223-1839

APH Traveling Exhibit:

IN TOUCH WITH KNOWLEDGE: The Educational History of Blind People

IN TOUCH WITH KNOWLEDGE: The Educational History of Blind People is a traveling exhibit from the Marie and Eugene Callahan Museum of the American Printing House for the Blind. This exhibit draws on the Callahan Museum's unique collection and extensive research on the history of the education of blind people and includes original artifacts, reproductions, graphics, tactile exhibits, and hands-on activities. Braille labels and audio text and descriptions provide accessibility.

The Exhibit has four components which may be used separately or in any combination:

- Reading and Writing
- Geography
- Mathematics
- Science

Please schedule IN TOUCH WITH KNOWLEDGE now for rental periods from September, 2005 to August, 2008 by contacting: Exhibits USA / 912 Baltimore Avenue, Suite 700 / Kansas City, MO 64105 / Phone: 800-473-EUSA / email: info@eusa.org.

For additional information contact:

Carol B. Tobe, Director
Callahan Museum of the American Printing House for the Blind
1839 Frankfort Avenue
Louisville, KY 40206
800 223-1839, ext. 365
502-895-2405, ext. 365
Direct number: 502 899-2365
Fax: 502-899-2363
Email: ctobe@aph.org
Website: www.aph.org

Resources List: Agencies That Serve People Who Are Blind or Visually Impaired

American Council of the Blind (ACB)

Washington, DC 20005

Phone: 800-424-8666

Web: www.acb.org

National consumer organization with local, state, and special-interest affiliates; providing support, information, referral, and advocacy.

Association for the Education and Rehabilitation of the Blind and Visually Impaired (AER)

Alexandria, VA 22311

Phone: 703-671-4500

Web: www.aerbvi.org

Professional organization offering continuing education opportunities, publications, a Listserv, job postings, etc.

American Foundation for the Blind (AFB)

New York, NY 10001

Phone: 800-232-5463

Web: www.afb.org

Provides comprehensive information on every aspect of blindness and visual impairment and a searchable database of nationwide services.

Associated Blind, Inc.

New York, NY 10016

Phone: 212-683-4950

Web: www.tabinc.org

Focuses on career and employment opportunities and offers an accessible web site, professional development workshops, and interning opportunities.

Braille Authority of North America (BANA)

Web: www.brailleauthority.org

Promotes and facilitates the standardized use, teaching, and production of braille through their braille formatting books. Many of these books are available through this catalog in the professionals section.

Canadian National Institute for the Blind (CNIB)

Toronto, ON M4G 3E8

Phone: 416-486-2500

Web: www.cnib.ca

Consultant and resource agency for the helping professions, government departments, and private industry throughout Canada.

Council for Exceptional Children (CEC)

Arlington, VA 22201

Phone: 888-232-7733

Web: www.cec.sped.org

Professional organization that seeks to improve educational outcomes through professional standards and continuing development. CEC provides an active Division on Visual Impairments that provides publications and continuing education opportunities.

Council of Schools for the Blind (COSB)

Aberdeen, SD 57401

Phone: 605-626-2580

Professional organization serving as an information clearinghouse and advocate for areas of interest related to residential schools.

DB-LINK: The National Information Clearinghouse on Children who Are Deafblind

Monmouth, OR 97361

Phone: 800-438-9376

Web: www.tr.wou.edu/dblink

Identifies, coordinates, and disseminates free information related to children and youths who are deafblind (ages 0-21 years).

Hadley School for the Blind

Winnetka, IL 60093

Phone: 800-323-4238

Web: www.hadley-school.org

Provides academic, personal enrichment, compensatory, or rehabilitation education through free home study courses for parents, family members, professionals, and paraprofessionals.

Hilton/Perkins Program of the Perkins School for the Blind

Watertown, MA 02472

Phone: 617-924-3434

Web: www.perkins.org

Conducts training activities for programs and staff serving children who are multihandicapped blind or deafblind and provides support services for parents.

Resources List: Agencies That Serve People Who Are Blind or Visually Impaired

Library of Congress National Library Service for the Blind and Physically Handicapped (NLS)

Washington, DC 20542

Phone: 202-707-5100

Web: www.loc.gov/nls

Library network that provides free braille and recorded materials to individuals unable to read standard printed material. The Braille Development Section of NLS also offers a program of courses leading to certification as a braille transcriber or proofreader.

National Association of Area Agencies on Aging

Washington, DC 20036

Phone: 202-872-0888

Web: www.n4a.org

Manages Elder Care Locator, (800-677-1116) a free telephone service with information for seniors about health and social service resources in their community.

National Association for Parents of Children with Visual Impairments (NAPVI)

Watertown, MA 02472

Phone: 800-562-6265

Operates a national clearinghouse for information, education, and referrals for parents of blind or visually impaired children.

National Association of State Directors of Special Education (NASDSE)

Alexandria, VA 22314

Phone: 703-519-3800

Web: www.nasdse.org

A professional organization emphasizing special education laws, regulations, and policy issues.

National Braille Association (NBA)

Rochester, NY 14623

Phone: 585-427-8260

Web: www.nationalbraille.org

A professional organization providing continuing education through seminars, workshops, consultations, and the publication of instructional manuals for braille transcribers.

National Council on Disability (NCD)

Washington, DC 20004

Phone: 202-272-2004

Web: www.ncd.gov

NCD is an independent federal agency that makes recommendations to the President and Congress on issues affecting people with disabilities.

National Federation of the Blind (NFB)

Baltimore, MD 21230

Phone: 410-659-9314

Web: www.nfb.org

National consumer organization, with local and state chapters and special-interest divisions that provide information, advocacy, and employment programs.

Recording for the Blind and Dyslexic

Princeton, NJ 08540

Phone: 800-221-4792

Web site: www.rfbd.org

Records educational and reference materials that are not available on tape or disc from other sources, in areas such as history, math, science and economics. There is a registration fee for this service.

U.S. Department of Veterans Affairs: Blind Rehabilitation Service

Washington, DC 20420

Phone: 202-273-8481

Web: www.va.gov/blindrehab/index.cfm

Assists veterans in making an emotional and behavioral adjustment to blindness through courses designed to promote independence.

Vision World Wide

Indianapolis, IN 46220

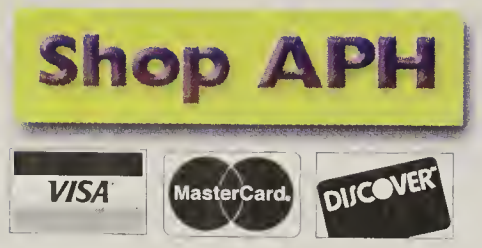
Phone: 800-431-1739

Web: www.visionww.org

Provides information, education, guidance, support and consumer protection, not only to the blind and visually impaired, but to the many professionals (medical, social, and technical) who serve them.

How to Order: Quick Information

www.aph.org



U.S. Customers Order Over the Web:

- Go to **www.aph.org** for accessible, secure ordering
- System is friendly for synthetic speech and large print users
- Click on the "Shop APH" link
- One-time, easy account setup
- Purchase on-line with these types of funds: Discover®, MasterCard®, or Visa®; purchase order; or Federal Quota funds

Order by Phone:

- **1-800-223-1839:** Call toll free and use a credit card.

Order by Mail:

- Mail us an order form or a letter stating desired items and quantities. Include a check, money order, or credit card number with expiration date.

- Mail order to:

  American Printing House for the Blind, Inc.
  1839 Frankfort Avenue
  P.O. Box 6085
  Louisville, KY 40206-0085

- IMPORTANT: Please do not mail cash. Checks and money orders must be in U.S. dollars. Kentucky residents include 6% sales tax.

Ordering for an Organization:

- If you have an account established with APH, use your organization's purchase order; otherwise use a check or credit card. If you are ordering with Federal Quota funds, send a Quota Order Form signed by the Ex Officio Trustee assigned to your account.

Shipping Methods:

- Shipping Methods within the U.S.: Most material ordered by or for people who are visually impaired can be shipped Free Matter for the Blind. Some exceptions apply—please see the detailed ordering information that follows.

- If you wish to use another type of shipping, contact APH before placing the order. APH will give you the cost of shipment based on the items you order and the type of shipment preferred. This amount must be sent along with the purchase price of the items. Please also note on your order the type of shipment you prefer.

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How to Order: Detailed Information

www.aph.org

American Printing House for the Blind, Inc.
1839 Frankfort Avenue • P.O. Box 6085
Louisville, KY 40206-0085
Phone: 502-895-2405
Toll Free: 800-223-1839
Fax: 502-899-2274

For Domestic Customers—Ordering Methods and Terms of Payment

Ordering Methods—Domestic:

Order by one of the following methods:

- **Web site:** U.S. customers order at **www.aph.org.** Click on "Shop APH" link. System is accessible and secure. Purchase on-line with these types of funds: Discover®, MasterCard®, or Visa®; purchase order; or Federal Quota funds. There is a one time account set-up on our Web site for credit card orders. For purchase orders or Federal Quota orders, please call us to set up your on-line account. "Quick Order" if you know the catalog numbers. Detailed product info in the Louis Database.

- **Phone:** Call toll free in the U.S. or Canada: **1-800-223-1839.** Use a credit card: Discover®, MasterCard®, or Visa®.

- **Mail:** Mail us an APH Order Form for Individuals (see page 184) or mail us a letter in print, braille, or on cassette tape (include either a check, money order, or credit card number with expiration date).

- **In Person:** Come to our Louisville, Kentucky facility: Monday-Thursday, 8:00 a.m. to 3:00 p.m. Eastern time

- **If you are ordering for an organization:** And have an account established with APH, use your organization's purchase order. If you do not have an established account, use one of the ordering methods listed above (such as a credit card) or inquire about establishing an account for your organization.

- **If you are ordering with Federal Quota funds:** For a residential school, state department of education, rehabilitation agency, or other agency which has been assigned Federal Quota funds, use a Quota Order Form. This form must be signed by the Ex Officio Trustee for your account prior to submission to APH.

Terms of Payment—Domestic

Payment must accompany order (with the exception of purchase orders and Federal Quota orders). APH accepts:

- Checks

- Money orders

- Discover®, MasterCard®, and Visa® credit cards

- Purchase orders from organizations with established accounts. Terms for open account orders are NET 30. Include a photocopy of APH's invoice with your remittance. If you would like to establish an open account, please contact our Accounts Receivable area.

- Please do not mail cash.

Sorry, no C.O.D.s.

Charge Card Orders: For charge card orders, please include the following:

- Card type

- Card number

- Expiration date

- Signature

- Telephone number

State Sales Tax: Residents of Kentucky must send state sales tax along with the purchase price of their orders: Kentucky State Sales Tax: 6%

Please note that product prices are subject to change without notice.

For Customers Outside of the U.S.—Ordering Methods & Terms of Payment

International customers please order by one of these methods:

- Use a credit card (Discover®, MasterCard®, or Visa®). To order by credit card, call us at **1-502-895-2405,** fax us at **1-502-899-2274,** or mail us a print, braille, or cassette letter. Include your credit card number and expiration date.
- Mail us a check drawn on a U.S. bank.
- If you have an established account with APH, mail or fax us your organization's purchase order. To establish an account, please call Accounts Receivable at **1-502-895-2405.**
- Mail us a Letter of Credit drawn on National City Bank, Louisville, Kentucky, U.S.A. Note that this is the only bank from which we will accept Letters of Credit.
- Request a pro forma invoice: Mail or fax us a letter of inquiry specifying which products you wish to order. Also include whether you prefer shipment by surface or air mail. We will send you a pro forma invoice showing product prices, shipping costs, and insurance costs (see "Shipping Methods" and "Insurance").
- **New, easy method for requesting a pro forma invoice:** APH now offers an easy-to-use form on our web site for requesting a pro forma invoice. The form will prompt you for all of the information we need to give you a complete cost for your international order. Please visit www.aph.org/products/proforma.html.

For All Customers—Ordering Information Needed

Please include the following information when ordering:

- Catalog numbers
- Quantity
- Product names
- Price each
- Total amount of purchase
- Method by which the products are to be shipped
- State tax, shipping charges, and insurance charges, if applicable (see "Terms of Payment," "Shipping Methods," and "Insurance").
- Total amount due
- APH account number (if you are ordering with a purchase order or a Federal Quota order)

For All Customers—Shipping Methods

Shipping Methods within the U.S.: Most items ordered by or for people who are visually impaired will be shipped Free Matter for the Blind, unless otherwise requested.

To have items shipped other than Free Matter, write or call APH before placing an order. Tell us the items you wish to order and the type of shipment preferred. APH will then give you the cost of shipment. The shipment cost must be sent along with the purchase price of the items when you mail in the order. Also write on your order the type of shipment you prefer. Shipment choices other than Free Matter within the U.S. include:

- U.S. Postal Service® Priority Mail: Two-to-three day delivery to any address (including P.O. boxes). No additional charge for Saturday delivery. No Sunday or holiday delivery.
- U.S. Postal Service® Express Mail: Guaranteed next day delivery to most addresses (including P.O. boxes), seven days a week, 365 days a year. No additional charge for weekend or holiday delivery.
- United Parcel Service® (UPS) Ground: Four-to-seven day delivery to street addresses only (no P.O. boxes). No weekend or holiday delivery.
- UPS 3-Day: Guaranteed three day delivery to street addresses only (no P.O. boxes). No Saturday, Sunday, or holiday delivery.
- UPS 2-Day: Guaranteed two day delivery to street addresses only (no P.O. boxes). No Saturday, Sunday, or holiday delivery.
- UPS Overnight: Guaranteed next day delivery to street addresses only (no P.O. boxes). Additional charges for Saturday delivery. No Sunday or holiday delivery.

Note: Normal APH order processing time is usually 2-4 days before a product is actually shipped.

Shipping Methods Outside of the U.S.: Certain items ordered by or for visually impaired people can be shipped to most overseas destinations via Free Matter for the Blind (surface mail). These include books, paper, and slates/styluses. The shipping charges for all other APH items must be paid by the customer. We recommend shipment by air mail, as surface mail is slow. All export and/or import duties, brokerage fees, etc., are paid by the customer. Please check with your customs broker to make arrangements in advance.

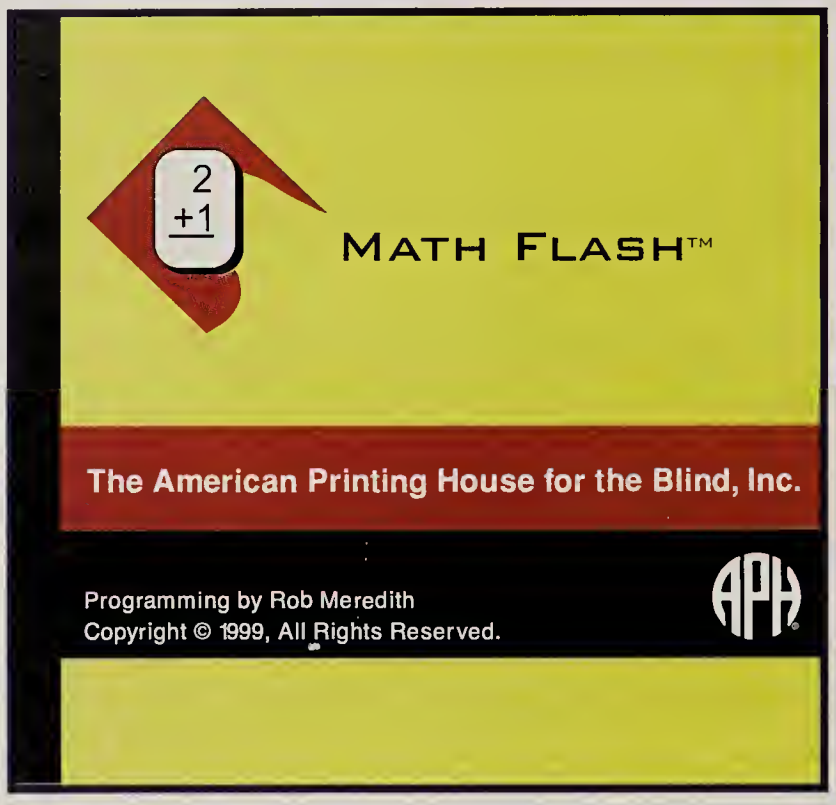
For Customers Outside of the U.S.—Insurance

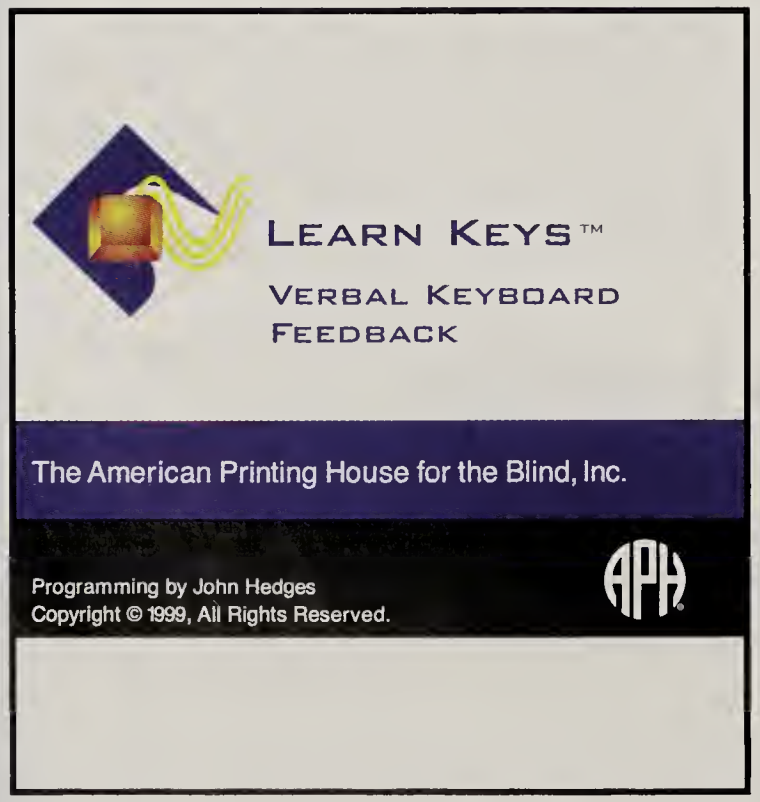
Insurance for Overseas Shipments: If we ship products which are greater than $15 in value overseas by Free Matter for the Blind, we will automatically insure the shipment at the customer's expense. The charge for this insurance will be listed on the pro forma invoice.

Two Ways to Order APH Software Products

APH offers two convenient ways to order our software products.

- Order the CD-ROM via mail, toll-free phone, or web site.
- Purchase the program through Electronic Distribution. Download the demonstration version of the program from our Web site (**www.aph.org/tech**). Then phone our toll free number (**1-800-223-1839**) and give us your credit card number. Within 24 hours, we will give you a code key that transforms your demo copy of the program into a full copy.





For All Customers—Returns Policy

Defective Merchandise:

APH makes every effort to inspect merchandise before it leaves our facility. If by chance you do receive an item which is defective, we will repair or replace it at no cost to you (we reserve the right to choose whether we will repair or replace the item). In the case of items that have a specific warranty, we must be notified within one year of the date the item was shipped to the end user. In the case of items that do not have a specific warranty, we must be notified within 30 days of the date the item was shipped to the end user. For more information on warranties, please refer to the following section.

Other Returns:

We want you to be satisfied! You may return a nondamaged item for any reason within 60 days of the date that the item was shipped from APH, subject to the following conditions:

- We require prior authorization for a return. Write or call APH Customer Service to explain which items you would like to return. We will give you a Return Authorization Number. When returning the items to APH, please write this Return Authorization Number on the outside of the shipping container. APH will refuse a product return if the Return Authorization Number is not written on the outside of the shipping container.

  When returning items to APH, include your original purchase order number or a copy of the original packing slip or invoice. This will allow us to process your return more quickly.

- Items must be in resalable condition.

- A 10% restocking charge will be deducted from your refund. This charge will not exceed $15.00 per item for individuals and $50.00 per item for organizations.

Note: The following items may not be returned for any reason other than defects:

- Special-order items, including custom-made books
- Large print books (catalog number prefixes 4-, A-L, F-, L-, L-C, or J-)
- ATIC Braille Books (catalog number prefix A-B)
- APH-DOTS Braille Books (catalog number prefix Q-)
- Thermoform Braille Books (catalog number prefix T-)

Order Form for Individuals

Not to be used for Federal Quota accounts. Companies and other organizations please use own purchase order.

AMERICAN PRINTING HOUSE FOR THE BLIND, INC.

1839 Frankfort Ave. / P.O. Box 6085 / Louisville, KY 40206-0085
Phone: 502-895-2405 / Toll Free: 800-223-1839 / Fax: 502-899-2274

• Ordered by: **• Date:** _____

Name, First:	M.I.:	Last:	
Address:			
City:	State:	Zip:	Phone: ( )

____ Check here if your address has changed since your last order.

• Ship to (if order is to be shipped to another address):

Name, First:	M.I.:	Last:	
Address:			
City:	State:	Zip:	Phone: ( )

Catalog No.	Qty.	Name of Product	Price Ea.	Total
			TOTAL AMOUNT OF PURCHASE	
			KY STATE SALES TAX – If you are a Kentucky resident, 6%	
			SHIPPING – If other than Free Matter for the Blind	
			TOTAL AMOUNT DUE	

Sorry, No C.O.D. Orders Accepted

• Method of Payment:

___ Check ___ Money Order ___ MasterCard® ___ Visa® ___ Discover®

Card Number _____ Expiration Date _____

Signature _____

• Check type of shipment if other than Free Matter for the Blind:

• U.S. Postal Service®: ___ Priority Mail ___ Express Mail

• UPS®: ___ Ground ___ 3-Day ___ 2-Day ___ Overnight **• Other** _____

Quantity Purchase Discounts on Selected APH Products!

We offer price discounts on quantity purchases of selected APH products. Discounts are available no matter what type of funds are used for purchase, including Federal Quota funds. The items must be purchased on one order and shipped to a single destination. Please contact Customer Service for information about specific products that are available at a discount. Our quantity discount schedule:

Quantity Purchased	Discount
0-15	-0-
16-25	1%
26-50	2%
51-100	3%
101-200	4%
201 and up	5%

Limited Warranties on APH Products

All APH products are covered by a limited warranty. Certain products are covered by a warranty that expires one year from the date the item is shipped to the end user. All other products are covered by a warranty that expires 30 days from the date the item is shipped to the end user. Warranty does not apply in cases of customer modification, misuse, or abuse of APH products. Please note that extended warranties do not cover replacement of electronic product accessories.

Items that have a one-year limited warranty include:

Braille 'n Speak® Scholar: 1-07320-00	Return to APH
ColorTest II: 1-03951-00	Return to APH
Handi-Cassette II: 1-07085-00	Return to APH
Light Box: 1-08660-00	Return to APH
Magni-Cam™: Various Catalog Nos.	Call Customer Service, please do not return to APH
Mini-Lite Box: 1-08661-00	Return to APH
Orion TI-34 Talking Calculator: 1-07335-00	Call Customer Service, please do not return to APH
Perkins Brailler, 1-00850-00	Return to APH
Portable Sound Source 2003: 1-03040-02	Return to APH
Primer™: Electronic Magnifier: 1-03929-00	Call Customer Service, please do not return to APH
Speech Expressor™: 1-07050-00	Return to APH
Table Top Cassette Tape Recorder/Player: 1-07150-00	Return to APH
Variable Intensity Study Lamp: 1-08940-00	Return to APH

General Repair Policy

If you are experiencing trouble with an APH product, please call **1-800-223-1839.** Explain the problem to our friendly Customer Service staff. It is possible that we can help you over the phone. If it is determined that your product does require servicing, please use the following guidelines.

Products Under Warranty

If your product is still under warranty, we will repair or replace the item at no cost to you (subject to some restrictions). Call Customer Service at **1-800-223-1839** to obtain a Return Authorization Number (Return Authorization Number not needed for electronic products—see next paragraph). Please write the Return Authorization Number on the outside of the shipping container, then ship the product to us along with a written description of the problem. APH will refuse a product return if the Return Authorization Number is not written on the outside of the shipping container.

Electronic Products Under Warranty

Unlike all other APH products, electronic products do not require a Return Authorization Number for an under-warranty repair. Note: We can more accurately determine the problem for electronic products if you include all accessories such as batteries, battery clips, power adapters, and headphones; however, please note that extended warranties do not cover replacement of these accessories. Please call Customer Service about the warranty on the following products: Magni-Cam Electronic Magnifier, Primer™ Electronic Magnifier, Orion TI-34 Talking Calculator, and Book Port™. Please do not return these products to APH.

Products Out of Warranty

Set Fee for Each Product

There is a specific, set repair fee for each commonly serviced APH product (please refer to chart on next page). The set fee allows us to more quickly and efficiently service your product.

The fee is to be submitted at the time the product is shipped to APH for repairs. Please be sure to include a written description of the problem. You may pay the fee with a check; money order; Discover®, MasterCard®, or Visa® credit card; purchase order; or Federal Quota order. If you do not include the set repair fee, your equipment will not be repaired until the fee is received.

You will not be charged more than the set fee for a particular item no matter how extensive the necessary repair. Items which are not repairable will be returned to you. For a nonrepairable item, you will receive a refund of the repair fee, with a $5.00 handling charge deducted.

If you have questions, please call Customer Service, **1-800-223-1839.**

Set Repair Fees for APH Products

AC/DC Tape Recorder/Player: 1-07130-00 (discontinued product)	$105.00
Big Picture: 1-03930-00 (discontinued product)	$100.00
Book Port™: 1-07440-00	Please call for more information
Braille 'n Speak® Classic: 1-07309-00 (discontinued product)	$150.00
Braille 'n Speak® Scholar: 1-07320-00	$150.00
ColorTest II: 1-03951-00	Please call for more information
Handi-Cassette II: 1-07085-00	$85.00
Light Box: 1-08660-00	$155.00
Magni-Cam™ Black & White Model: 1-03920-00	Please call for more information
Magni-Cam™ Triad Color Model: 1-03928-00	Please call for more information
Mini-Lite Box: 1-08661-00	$65.00
Orion TI-34 Talking Scientific Calculator: 1-07335-00	Please call for more information
Perkins Brailler: 1-00850-00	$150.00
Primer™ Electronic Magnifier: 1-03929-00	Please call for more information
Portable Sound Source III: 1-03040-01	$50.00
Portable Sound Source 2003: 1-03040-02	$50.00
Speech Expressor™: 1-07050-00	$65.00
Table Top Cassette Tape Recorder/Player: 1-07150-00	$105.00
Variable Intensity Study Lamp: 1-08940-00	$60.00

Warranty on Repairs

There is a 90-day warranty for work performed by APH on repaired equipment. This warranty covers both labor and parts. As always, the warranty does not apply in cases of customer modification, misuse, or abuse of APH products. Please note that extended warranties do not cover replacement of electronic product accessories.

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Federal Quota Funds Could Help Purchase Materials for Your Students!

The federal Act to Promote the Education of the Blind provides funds for adapted educational materials for eligible students who meet the definition of blindness. An annual registration of eligible students determines a per capita amount of money designated for the purchase of educational materials produced by the American Printing House for the Blind (APH). These funds are credited to Federal Quota accounts maintained and administered by APH and its Ex Officio Trustees throughout the country.

Who Is Eligible?

In order for students to be eligible for registration in the Federal Quota Program, they MUST meet the following requirements:

- meet the definition of blindness – "central visual acuity of 20/200 or less in the better eye with correcting glasses or a peripheral field so contracted that the widest diameter of such field subtends an angular distance no greater than 20 degrees."
- "be enrolled in a formally organized public or private, nonprofit educational program of less than college level"
- be enrolled with the registering school or agency on the first Monday in January

There is no chronological age limit for eligibility. Adults to be registered must "have a written educational plan and be enrolled in and attend, on a regular basis, an instructional program of at least 20 hours of instruction per week. Social and leisure programs do not qualify as instructional programs."

Who Are the Ex Officio Trustees?

For each residential school for the blind, state department of education, or agency for the blind that participates in the Federal Quota Program, an Ex Officio Trustee of the American Printing House for the Blind must be designated. Each Ex Officio Trustee is entrusted with the administration of the Federal Quota Program within his or her system.

Want more info?

For more information about the Federal Quota program, visit www.aph.org or call 1-800-223-1839. On our web site, you can find contact information for the Ex Officio Trustees in your state. These Trustees can give you the specific information about whether your student may qualify for materials purchased with Federal Quota funds.

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Stumped with an APH product, try one of these solutions to help you get UN-stumped!

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A manual is included on the product CD. You can view it on-screen, read it with your screen reader, or print a hard copy. We also include a quick-start sheet in braille.

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Send an email with questions, problems, or suggestions, and receive replies from APH staff and other product users. Email technology@aph.org to find out how to subscribe to discussion groups.

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Our friendly Technical Support staff will be happy to answer your questions about our high-tech products. Call 1-800-223-1839 and choose "Technical Support" from the menu. Available 8 a.m. to 4:30 p.m. Eastern, Monday through Friday.

Non-Electronic Products

If you need help with a non-electronic product, please call 1-800-223-1839 and choose "Customer Service" from the menu.

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